

Produceret for : Paperlinx A/S
Bastrupgårdsvej 8-10
7500 Holstedbro

Karlsunde d. 20-05-2016

OVERENSSTEMMELSESERKLÆRING

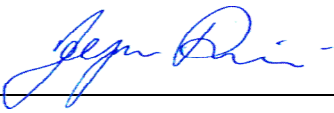
Identifikation af produktet

Produktnummer	Varenr: 09-014575 Format 250X450/50+40X0,03 Antalis CC & Co. varenr. : 205623
Produkt navn	Low Density Polyethylen / Linear Low Density Polyethylen (Metallocene)
Anvendt råvare	EXCEED 1018EB + EXCEED 1327ED + EXXONMOBIL HTA108 EXXONMOBIL LD150AC (En mixed folie)
Anvendelse	Fede, tørrede, ferske fødevarer samt fødevare i lage (alkohol, vand og eddike)
Fødevaretype	Alle typer
Kontaktid	10 dage
Kontakttemperatur	Max. 40° i 10 dage – eller max. 70° i 2 timer – eller stuetemperatur i hele produktets holdbarhedstid Kan også anvendes til frost ned til -35°, såfremt folien kvaliteten er min. 40 My.

Identifikation af producenten

Firmanavn	Norlip A/S
Adresse	Svejsegangen 12 DK 2690 Karlslunde
Kontaktperson	Jesper Philipsen
e-mail adresse	jp@norlip.dk
Website	www.norlip.dk - på website findes link til FVST's besøgsrapporter

Positivliste

Polymeren består udelukkende af monomerer og indgangsstoffer, der forekommer på positivlisten (Annex I) i EU-forordning 10/2011/EC og efterfølgende ændringer	
Underskrift: 20/05/2016	

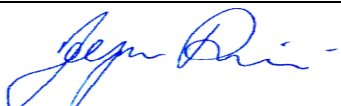
SMG (Specifikke Migrations Grænser)

Alle indgangsstoffer er kontrolleret i Annex I i forordning 10/2011/EC og efterfølgende ændringer, og følgende stoffer har SMG-værdier- ingen oplyst				
Kemisk navn	CAS nr.	REF. no.	SMG	Mængde i produktet (%)

Dual use additiver

Forekommer der dual use additiver i produktet?		
Ja:	<input checked="" type="checkbox"/>	
Nej:	<input type="checkbox"/>	
Hvis ja – hvilke dual use additiver er tilsat produktet?		
Kemisk navn	Cas. Nr.	Mængde i produktet (‰)
Alpha-tocopherol	Cas nr. 59-02-9	2,10 ‰
Talc	Cas nr. 14807-96-6	0,85‰

Funktionel barriere

Indeholder produktet en funktionel barriere? Hvis ja, ønskes dokumentation for, at den er i overensstemmelse med EU-forordning 10/2011/EC	
Nej	<input checked="" type="checkbox"/>
Ja	<input type="checkbox"/>
Den funktionelle barriere er i overensstemmelse med EU-forordning 10/2011/EC	
Underskrift: 20/05/2016	


Global migrationstest

I overensstemmelse med den fremtidige brug af produktet, skal der udføres globale migrationstest i henhold til direktiv 82/711/EC og 85/572/EC. En kopi af migrationstesten er medsendt.
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Specifik migrationstest

Hvis der er angivet SMG-værdier ovenfor skal produktet testes for specifik migration i henhold til EU-direktiv 82/711/EC og 85/572/EC. Der er ikke foretaget specifik migrationstest da de nedenfor angivet råvarerne kun indeholder stoffer der er omfattet af positivlisten Annex I i forordning 10/2011/EC, og er fremstillet af stoffer, der ikke er pålagt restriktioner mht. specifik migration. Dette ses på vedhæftede dokument fra EXXON/RESINEX & KROGH - Regulatory Declaration for råvarerne EXCEED 1018EB, EXCEED 1327ED, EXXONMOBIL HTA108, EXXONMOBIL LD150AC (side 8 i deklARATIONEN)
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Overensstemmelse

Produktet er fremstillet i henhold til retningslinierne i EU-forordning 2023/2006 og forårsager ingen fare for menneskers sundhed eller miljøet i henhold til artikel 3 i rammedirektiv 1935/2004/EC. Produktet er i overensstemmelse med den gældende EU-lovgivning (EU-direktiv 2002/72/EC og efterfølgende ændringer). Vi forpligter os hermed til at informere om ændringer i produktet.	
Dato	20-05-2016
Navn	Jesper Philipsen
Underskrift	 NORLIP A/S Plasticemballage Svejsegangen 12 2690 Karlslunde Tlf. 46 15 14 00

ExxonMobil Chemical Belgium

A Division of ExxonMobil Petroleum & Chemical, BVBA
Registered Office: Polderdijkweg B-2030 Antwerp, RPR Antwerpen 0416375270
An ExxonMobil Subsidiary
Mail Address : P.O. Box 100, B-2060 Antwerp 6, Belgium



RESINEX DANMARK A/S
DORTE SCHROLL
RESINEX DANMARK A/S
HELLERUPVEJ 17 A
2900 HELLERUP

Email Address: Dorte.Schroll@resinex.dk

Issue Date: 11 SEP 2014

Subject: Regulatory Declaration and/or Product Stewardship Information Statement(s) - Request

Dear Sir/Madam:

In response to your request, please find enclosed the regulatory declaration and/or product stewardship information statement(s) for the following product(s):

EXCEED 1018KB
EXCEED 1327KD
EXXONMOBIL HTA108

These statements are provided by or on behalf of the above referenced ExxonMobil selling affiliate.

If you have any questions or need additional information please contact your ExxonMobil sales representative.

Enclosure(s):

EXCEED 1018KB - EUROPEAN FOOD LAW
EXCEED 1018KB - USA FOOD LAW (FDA)
EXCEED 1327KD - EUROPEAN FOOD LAW
EXCEED 1327KD - USA FOOD LAW (FDA)
EXXONMOBIL HTA108 - EUROPEAN FOOD LAW
EXXONMOBIL HTA108 - USA FOOD LAW (FDA)
Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXCEED 1018KB
Material Code(s): 5225334

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

EU FOOD-CONTACT REGULATION

The monomer(s) and the additive(s) intentionally used in the above polymer grade are listed in Annex 1 or are authorized in accordance with the requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011, as amended up to Regulation (EU) No 202/2014, on plastic materials and articles intended to come into contact with food.

The above polymer grade complies with the relevant requirements of Regulation (EC) No 1935/2004 in as far as:

- * the grade is produced using Good Manufacturing Practice as required in article 3.1 of Regulation (EC) No 1935/2004 and meets the guidelines for Good Manufacturing Practice as specified in Regulation (EC) No 2023/2006 (on good manufacturing practice for materials and articles intended to come in contact with food).
- * the production of the above grade ensures traceability as required in article 17.1 of Regulation (EC) No 1935/2004.
- * the polymer production aids and aids to polymerization are either permitted in one or more EU Member State(s) and/or have been risk assessed based on the following assumptions:

100% migration, 1kg/food packed with 6dm² of packaging, article thickness of 250 microns

EU MEMBER STATES

As for the compliance status with EU Member States laws and/or recommendations where specific requirements exist for substances other than monomers and additives, the following can be stated:

The polymer production aids ("PPA") possibly present in the above polymer are permitted in the following countries.

Belgium

- "Arrêté royal du 3 juillet 2005 relatif aux matériaux et aux objets en matière plastique destinés à entrer en contact avec les denrées alimentaires", as amended up to "Arrêté royal du 10 février 2011"

France

- "Arrêté du 2 janvier 2003 relatif aux matériaux et objets en

matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires", as amended up to "Arrêté du 1er avril 2011"

Germany

- "Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5)", as amended up to "Verordnung vom 24.06.2013 (BGBl. I S. 1682)"
- BfR Empfehlung III "Polyethylen" from the Bundesinstitut fuer Risikobewertung "BfR". 01.03.2011

Italy

- "Decreto 21 marzo 1973, concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari o con sostanze d'uso personale", as amended up to "Decreto 04 febbraio 2013, n. 23 (G.U. Serie Generale n. 71 del 25 marzo 2013)"

Spain

- "Real Decreto 866/2008, de 23 de mayo, por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos destinados a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo", as amended up to "Orden PRE/628/2011, de 22 de marzo"

The Netherlands

- "Regeling Verpakkingen- en gebruiksartikelen (Warenwet)" as amended up to "Regeling Verpakkingen- en gebruiksartikelen Staatscourant Nr VGP/VC 3048441" from February 14, 2011
Hoofdstuk 1 - Kunststof

SWITZERLAND:

The composition of the above polymer grade meets the requirements of the Swiss Ordinance on material and objects in Plastic, SR 817.023.21 of 23 Nov 2005 (stand 1 April 2013).

- The composition of the base polymeric component(s) in this polymer grade complies with the positive lists for allowed monomers in the above referenced legislation.
- The additives that may be present comply with the lists for additives in the above referenced legislation, unless explicitly referred to in the additives note below. Information regarding additives subject to a restriction in food (dual use additives) and information on lipophilic substances are not applicable in Switzerland.

Monomer restrictions:

The above grade is manufactured with a monomer that has the following SML restriction:

1-Hexene: SML = 3 mg/kg (EC Ref No 18820)

Under the current SML restrictions given in the EC Directive, there is no need for checking any monomer specific migration limit other

than 1-hexene, whatever the thickness of the food-contact article involved.

Presence of additives with SML

The above polymer grade does contain one or more additive(s) that is/are subject to a Specific Migration Limit (SML).

Presence of dual use additives

The above polymer grade does contain one or more additive(s) that is/are subject to a restriction in food as referred to in Article 11.3 of EU Regulation 10/2011.

Note

For information purpose only

This note contains information relative to the presence of additives subject to a restriction according to Regulation (EU) 10/2011, as described in this statement.

Additive : Tris(nonylphenyl) phosphite
EC Ref. No : 74400
Max. conc.* : 1800 ppm
Restriction : SML = 30mg/kg food - Lipophilic substance

Additive : Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate
EC Ref. No : 68320
Max. conc* : 360 ppm
Restriction : SML = 6mg/kg food - Lipophilic substance

Additive : Talc
EC Ref. No : 92080
Max. conc.* : 1800 ppm
Restriction : Dual use additive

Additive : Inorganic antiblocking agents (Calcium Carbonate, Magnesium Oxide)
Max. Conc.* : 50 ppm
Restriction : Dual use additive

Additive : Polyethylene glycol sorbitan monolaurate
EC Ref. No : 79040
Max. conc.* : 30 ppm
Restriction : Dual use additive

Additive : Polyethylene glycol
EC Ref. No : 76960
Max. conc.* : 680 ppm
Restriction : Dual use additive

* This information is provided for general guidance purposes only and ExxonMobil Chemical provides no guarantees or warranties in respect of this information and has no responsibility or liability for any use by any third party of this information.

Note on Overall Migration Limit ("OML") and on Specific Migration Limits ("SML's"), where applicable

In all EU countries and Switzerland, finished plastics food-contact materials or articles, made from or containing this product, need to comply with Overall Migration Limit ("OML") requirements and Specific Migration Limits ("SML"), where applicable and when tested on the food-contact surface with the appropriate food simulants and time/temperature test conditions.

This is the responsibility of the user of this polymer product.

In addition to the above compositional compliance status certification, the polymer user is required to carry out the appropriate overall migration ("OML") and specific migration ("SML") tests on the final material or article to determine the regulatory suitability for contact with different food-types (aqueous, fat/oil, alcoholic, etc.) and various end-use conditions (material or article thickness, pure or in blends, volume, contact time of packaging, temperature of use, etc.), all of which are beyond control of the polymer manufacturer.

GENERAL NOTE

The manufacturer of food-contact materials and articles - made from or containing this polymer grade - must ensure that the finished materials or articles meet the general regulatory requirements that they do not bring about an unacceptable change in the composition of the foodstuffs or a deterioration in the organoleptic characteristics thereof and do not release constituents in foodstuffs in quantities that can endanger human health.

In addition, the finished food-contact material or article must be technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXCEED 1018KB
Material Code(s): 5225334

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

This product complies with FDA regulation 21 CFR 177.1520 (Olefin polymers), paragraphs (c)3.1a and (c)3.2a, and may be used as articles or components of articles intended for use in contact with food, including use in articles used for packing or holding food during cooking. Finished articles may contact all food types identified in Table 1 of 21 CFR 176.170(c) under Conditions of Use A through H as described in Table 2 of 21 CFR 176.170(c).

This product is produced under conditions of good manufacturing practice as required by 21 CFR 174.5(a) and is of a purity suitable for its intended use in food contact applications as allowed by the regulatory citations identified above. The manufacturer of any food, direct or indirect food additive, or food contact substance or article containing this product has the responsibility to ensure compliance with applicable FDA regulations and to ensure that any finished food contact article is technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXCEED 1327KD
Material Code(s): 5225280

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

EU FOOD-CONTACT REGULATION

The monomer(s) and the additive(s) intentionally used in the above polymer grade are listed in Annex 1 or are authorized in accordance with the requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011, as amended up to Regulation (EU) No 202/2014, on plastic materials and articles intended to come into contact with food.

The above polymer grade complies with the relevant requirements of Regulation (EC) No 1935/2004 in as far as:

- * the grade is produced using Good Manufacturing Practice as required in article 3.1 of Regulation (EC) No 1935/2004 and meets the guidelines for Good Manufacturing Practice as specified in Regulation (EC) No 2023/2006 (on good manufacturing practice for materials and articles intended to come in contact with food).
- * the production of the above grade ensures traceability as required in article 17.1 of Regulation (EC) No 1935/2004.
- * the polymer production aids and aids to polymerization are either permitted in one or more EU Member State(s) and/or have been risk assessed based on the following assumptions:

100% migration, 1kg/food packed with 6dm² of packaging, article thickness of 250 microns

EU MEMBER STATES

As for the compliance status with EU Member States laws and/or recommendations where specific requirements exist for substances other than monomers and additives, the following can be stated:

The polymer production aids ("PPA") possibly present in the above polymer are permitted in the following countries.

Belgium

- "Arrêté royal du 3 juillet 2005 relatif aux matériaux et aux objets en matière plastique destinés à entrer en contact avec les denrées alimentaires", as amended up to "Arrêté royal du 10 février 2011"

France

- "Arrêté du 2 janvier 2003 relatif aux matériaux et objets en

matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires", as amended up to "Arrêté du 1er avril 2011"

Germany

- "Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5)", as amended up to "Verordnung vom 24.06.2013 (BGBl. I S. 1682)"
- BfR Empfehlung III "Polyethylen" from the Bundesinstitut fuer Risikobewertung "BfR". 01.03.2011

Italy

- "Decreto 21 marzo 1973, concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari o con sostanze d'uso personale", as amended up to "Decreto 04 febbraio 2013, n. 23 (G.U. Serie Generale n. 71 del 25 marzo 2013)"

Spain

- "Real Decreto 866/2008, de 23 de mayo, por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos destinados a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo", as amended up to "Orden PRE/628/2011, de 22 de marzo"

The Netherlands

- "Regeling Verpakkingen- en gebruiksartikelen (Warenwet)" as amended up to "Regeling Verpakkingen- en gebruiksartikelen Staatscourant Nr VGP/VC 3048441" from February 14, 2011
Hoofdstuk 1 - Kunststof

SWITZERLAND:

The composition of the above polymer grade meets the requirements of the Swiss Ordinance on material and objects in Plastic, SR 817.023.21 of 23 Nov 2005 (stand 1 April 2013).

- The composition of the base polymeric component(s) in this polymer grade complies with the positive lists for allowed monomers in the above referenced legislation.
- The additives that may be present comply with the lists for additives in the above referenced legislation, unless explicitly referred to in the additives note below. Information regarding additives subject to a restriction in food (dual use additives) and information on lipophilic substances are not applicable in Switzerland.

Monomer restrictions:

The above grade is manufactured with a monomer that has the following SML restriction:

1-Hexene: SML = 3 mg/kg (EC Ref No 18820)

Under the current SML restrictions given in the EC Directive, there is no need for checking any monomer specific migration limit other

than 1-hexene, whatever the thickness of the food-contact article involved.

Presence of additives with SML

The above polymer grade does contain one or more additive(s) that is/are subject to a Specific Migration Limit (SML).

Presence of dual use additives

The above polymer grade does contain one or more additive(s) that is/are subject to a restriction in food as referred to in Article 11.3 of EU Regulation 10/2011.

Note

For information purpose only

This note contains information relative to the presence of additives subject to a restriction according to Regulation (EU) 10/2011, as described in this statement.

Additive : Tris(nonylphenyl) phosphite
EC Ref. No : 74400
Max. conc.* : 1800 ppm
Restriction : SML = 30mg/kg food - Lipophilic substance

Additive : Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate
EC Ref. No : 68320
Max. conc* : 360 ppm
Restriction : SML = 6mg/kg food - Lipophilic substance

Additive : Talc
EC Ref. No : 92080
Max. conc.* : 600 ppm
Restriction : Dual use additive

Additive : Inorganic antiblocking agents (Calcium Carbonate, Magnesium Oxide)
Max. Conc.* : 50 ppm
Restriction : Dual use additive

Additive : Polyethylene glycol sorbitan monolaurate
EC Ref. No : 79040
Max. conc.* : 10 ppm
Restriction : Dual use additive

Additive : Polyethylene glycol
EC Ref. No : 76960
Max. conc.* : 680 ppm
Restriction : Dual use additive

* This information is provided for general guidance purposes only and ExxonMobil Chemical provides no guarantees or warranties in respect of this information and has no responsibility or liability for any use by any third party of this information.

Note on Overall Migration Limit ("OML") and on Specific Migration Limits ("SML's"), where applicable

In all EU countries and Switzerland, finished plastics food-contact materials or articles, made from or containing this product, need to comply with Overall Migration Limit ("OML") requirements and Specific Migration Limits ("SML"), where applicable and when tested on the food-contact surface with the appropriate food simulants and time/temperature test conditions.

This is the responsibility of the user of this polymer product.

In addition to the above compositional compliance status certification, the polymer user is required to carry out the appropriate overall migration ("OML") and specific migration ("SML") tests on the final material or article to determine the regulatory suitability for contact with different food-types (aqueous, fat/oil, alcoholic, etc.) and various end-use conditions (material or article thickness, pure or in blends, volume, contact time of packaging, temperature of use, etc.), all of which are beyond control of the polymer manufacturer.

GENERAL NOTE

The manufacturer of food-contact materials and articles - made from or containing this polymer grade - must ensure that the finished materials or articles meet the general regulatory requirements that they do not bring about an unacceptable change in the composition of the foodstuffs or a deterioration in the organoleptic characteristics thereof and do not release constituents in foodstuffs in quantities that can endanger human health.

In addition, the finished food-contact material or article must be technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXCEED 1327KD
Material Code(s): 5225280

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

This product complies with FDA regulation 21 CFR 177.1520 (Olefin polymers), paragraphs (c)3.1a and (c)3.2a, and may be used as articles or components of articles intended for use in contact with food, including use in articles used for packing or holding food during cooking. Finished articles may contact all food types identified in Table 1 of 21 CFR 176.170(c) under Conditions of Use A through H as described in Table 2 of 21 CFR 176.170(c).

This product is produced under conditions of good manufacturing practice as required by 21 CFR 174.5(a) and is of a purity suitable for its intended use in food contact applications as allowed by the regulatory citations identified above. The manufacturer of any food, direct or indirect food additive, or food contact substance or article containing this product has the responsibility to ensure compliance with applicable FDA regulations and to ensure that any finished food contact article is technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXXONMOBIL HTA108
Material Code(s): 5206540

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

EU FOOD-CONTACT REGULATION

The monomer(s) and the additive(s) intentionally used in the above polymer grade are listed in Annex 1 or are authorized in accordance with the requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011, as amended up to Regulation (EU) No 202/2014, on plastic materials and articles intended to come into contact with food.

The above polymer grade complies with the relevant requirements of Regulation (EC) No 1935/2004 in as far as:

- * the grade is produced using Good Manufacturing Practice as required in article 3.1 of Regulation (EC) No 1935/2004 and meets the guidelines for Good Manufacturing Practice as specified in Regulation (EC) No 2023/2006 (on good manufacturing practice for materials and articles intended to come in contact with food).
- * the production of the above grade ensures traceability as required in article 17.1 of Regulation (EC) No 1935/2004.
- * the polymer production aids and aids to polymerization are either permitted in one or more EU Member State(s) and/or have been risk assessed based on the following assumptions:

100% migration, 1kg/food packed with 6dm² of packaging, article thickness of 250 microns

EU MEMBER STATES

As for the compliance status with EU Member States laws and/or recommendations where specific requirements exist for substances other than monomers and additives, the following can be stated:

The polymer production aids ("PPA") possibly present in the above polymer are permitted in the following countries.

Belgium

- "Arrêté royal du 3 juillet 2005 relatif aux matériaux et aux objets en matière plastique destinés à entrer en contact avec les denrées alimentaires", as amended up to "Arrêté royal du 10 février 2011"

France

- "Arrêté du 2 janvier 2003 relatif aux matériaux et objets en

matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires", as amended up to "Arrêté du 1er avril 2011"

Germany

- "Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5)", as amended up to "Verordnung vom 24.06.2013 (BGBl. I S. 1682)"
- BfR Empfehlung III "Polyethylen" from the Bundesinstitut fuer Risikobewertung "BfR". 01.03.2011

Italy

- "Decreto 21 marzo 1973, concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari o con sostanze d'uso personale", as amended up to "Decreto 04 febbraio 2013, n. 23 (G.U. Serie Generale n. 71 del 25 marzo 2013)"

Spain

- "Real Decreto 866/2008, de 23 de mayo, por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos destinados a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo", as amended up to "Orden PRE/628/2011, de 22 de marzo"

The Netherlands

- "Regeling Verpakkingen- en gebruiksartikelen (Warenwet)" as amended up to "Regeling Verpakkingen- en gebruiksartikelen Staatscourant Nr VGP/VC 3048441" from February 14, 2011
Hoofdstuk 1 - Kunststof

SWITZERLAND:

The composition of the above polymer grade meets the requirements of the Swiss Ordinance on material and objects in Plastic, SR 817.023.21 of 23 Nov 2005 (stand 1 April 2013).

- The composition of the base polymeric component(s) in this polymer grade complies with the positive lists for allowed monomers in the above referenced legislation.
- The additives that may be present comply with the lists for additives in the above referenced legislation, unless explicitly referred to in the additives note below. Information regarding additives subject to a restriction in food (dual use additives) and information on lipophilic substances are not applicable in Switzerland.

Monomer restrictions:

None of the monomers used in the production of this polymer is subject to a Specific Migration Limit (SML).

Presence of additives with SML

None of the additives intentionally used in this polymer grade is

subject to a Specific Migration Limit (SML).

Presence of dual use additives

None of the additives intentionally used in this polymer grade is subject to a restriction in food as referred to in Article 11.3 of Regulation (EU) 10/2011.

Note on Overall Migration Limit ("OML") and on Specific Migration Limits ("SML's"), where applicable

In all EU countries and Switzerland, finished plastics food-contact materials or articles, made from or containing this product, need to comply with Overall Migration Limit ("OML") requirements and Specific Migration Limits ("SML"), where applicable and when tested on the food-contact surface with the appropriate food simulants and time/temperature test conditions.

This is the responsibility of the user of this polymer product.

In addition to the above compositional compliance status certification, the polymer user is required to carry out the appropriate overall migration ("OML") and specific migration ("SML") tests on the final material or article to determine the regulatory suitability for contact with different food-types (aqueous, fat/oil, alcoholic, etc.) and various end-use conditions (material or article thickness, pure or in blends, volume, contact time of packaging, temperature of use, etc.), all of which are beyond control of the polymer manufacturer.

GENERAL NOTE

The manufacturer of food-contact materials and articles - made from or containing this polymer grade - must ensure that the finished materials or articles meet the general regulatory requirements that they do not bring about an unacceptable change in the composition of the foodstuffs or a deterioration in the organoleptic characteristics thereof and do not release constituents in foodstuffs in quantities that can endanger human health.

In addition, the finished food-contact material or article must be technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

STATEMENT

Issue Date: 11 SEP 2014
At request of: RESINEX DANMARK A/S
Product Name(s): EXXONMOBIL HTA108
Material Code(s): 5206540

With regard to the compliance status of the ExxonMobil Chemical product referenced above with the regulation(s) identified below the following can be declared:

This product complies with FDA regulation 21 CFR 177.1520 (Olefin polymers), paragraphs (c)2.1 and (c)2.2, and may be used as articles or components of articles intended for use in contact with food, including use in articles used for packing or holding food during cooking.

This product is produced under conditions of good manufacturing practice as required by 21 CFR 174.5(a) and is of a purity suitable for its intended use in food contact applications as allowed by the regulatory citations identified above. The manufacturer of any food, direct or indirect food additive, or food contact substance or article containing this product has the responsibility to ensure compliance with applicable FDA regulations and to ensure that any finished food contact article is technically suitable for the intended use.

VALIDITY DATE: This document is valid until the next relevant legislative and/or regulatory change with a maximum of one year as of the date of issue of the statement.

Reference Number: 0181772

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Dato
3. december 2009

Deres ref.

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Vores ref.

770318Rev1/JH

Analyserapport - Materialetest

Prøvemateriale

Sagsidentifikation	Migrationstest plastfolie, LDPE
Prøvemodtagelse	6. Juli 2009
Antal / Prøvetype	Plastfolie, LDPE med følgende identifikation: 60% Exceed 1327 ED, 20% Exceed 1018 EB, 10% LD 150 AC 10% HD HTA108
Analyseperiode	8. juli – 25. august 2009

Anvendte metoder

Metodenr.	Princip	Parameter	Detektionsgrænse	Analyseusikkerhed ^①
EN 1186-3	Gravimetri	Global migration til vand, 3% eddikesyre og 10 % ethanol	1 mg/dm ²	15% (RSD)
EN 1186-2	Gravimetri og Gaskromatografi (GC/FID)	Global migration til oliven- olie	2 mg/dm ²	15% (RSD)

Princip for migration: Den totale migration fra prøverne til vand, 3% eddikesyre, 10% ethanol og olivenolie bestemmes ved eksponering i 10 dage timer ved 40 °C. Testen gennemføres ved neddykning af prøveemner i fødevarsimulanten. Testen er foretaget i henhold til EN 1186-2 og EN 1186-3. Efter eksponering, hvor de opløselige komponenter migrerer fra materialet til simulanten, fjernes emnet fra simulanten.

Migration til 3% eddikesyre, 10% ethanol og vand: simulanten inddampes, og inddampningsresten bestemmes ved vejning og angives som migrationen fra emnet til fødevarsimulanten.

Migration til olivenolie: Emnet der har været neddyppet i simulanten aftørres og vejes. Adsorberet olie bestemmes ved ekstraktion og efterfølgende GC/FID analyse. Emnets vægt korrigeres for den ekstraherede olie og migrationen bestemmes som vægttab af emnet

Analysen udføres som tredobbelbestemmelse.

^① Dog mindst halvdelen af detektionsgrænsen absolut

Eurofins Product Testing A/S



John Hansen
Civilingeniør, kemi

Analyseresultater

Enhed: mg/dm²	LDPE: Exceed 1327 ED, Exceed 1018 EB, LD 150 AC, HD HTA108			
	1. bestemmelse	2. bestemmelse	3. bestemmelse	Gennemsnit
Parameter				
Migration til 3 % eddikesyre	< 1	< 1	< 1	< 1

< betyder mindre end

Enhed: mg/dm²	LDPE: Exceed 1327 ED, Exceed 1018 EB, LD 150 AC, HD HTA108			
	1. bestemmelse	2. bestemmelse	3. bestemmelse	Gennemsnit
Parameter				
Migration til 10% ethanol	< 1	< 1	< 1	< 1

< betyder mindre end

Enhed: mg/dm²	LDPE: Exceed 1327 ED, Exceed 1018 EB, LD 150 AC, HD HTA108			
	1. bestemmelse	2. bestemmelse	3. bestemmelse	Gennemsnit
Parameter				
Migration til olivenolie*	2,0	2,3	2,5	2,3

< betyder mindre end

* Denne analyse er ikke omfattet af akrediteringen. Er dog udført under kvalitetsstyringssystemet ISO 17025 og er pr. 7. oktober 2009 også omfattet af akkrediteringen.

Enhed: mg/dm²	LDPE: Exceed 1327 ED, Exceed 1018 EB, LD 150 AC, HD HTA108			
	1. bestemmelse	2. bestemmelse	3. bestemmelse	Gennemsnit
Parameter				
Migration til vand	< 1	< 1	< 1	< 1

< betyder mindre end

Kommentar

I henhold til BEK nr 167 af 03/03/2009 overholder plastfolien, LDPE, kravet om en migration på maksimalt 10 mg/dm² for vand, 3% eddikesyre 10% ethanol og olivenolie som simulanter.

ExxonMobil™ HDPE HTA 108

High Density Polyethylene Resin

Product Description

HTA 108 is a homopolymer HDPE film grade designed to improve stiffness and barrier in coextrusion or in PE blends. When blended with LLDPE or metallocene LLDPE, HTA 108 improves their processability.

General

Availability ¹	• Africa & Middle East	• Asia Pacific	• Europe
Additive	• Antiblock: No	• Slip: No	• Thermal Stabilizer: Yes
Applications	• Blown Film • Bread Bags • Collation Shrink • Food packaging • Form Fill And Seal Packaging • Freezer Film	• General Packaging • Industrial Packaging • Label Film • Lamination Film • Multilayer Packaging Film • Overwrap Film	• Packaging Films • Shoppers • Shrink Film • Stand Up Pouches
Revision Date	• 10/2008		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.961 g/cm ³	0.961 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	0.70 g/10 min	0.70 g/10 min	ASTM D1238
High Load Melt Index (190°C/21.6 kg)	46 g/10 min	46 g/10 min	ASTM D1238

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	264 °F	129 °C	ASTM D1525

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break MD	9720 psi	67.0 MPa	ASTM D882
Tensile Strength at Break TD	5370 psi	37.0 MPa	ASTM D882
Elongation at Break MD	490 %	490 %	ASTM D882
Elongation at Break TD	3.0 %	3.0 %	ASTM D882
Secant Modulus MD - 1% Secant	181000 psi	1250 MPa	ASTM D882
Secant Modulus TD - 1% Secant	247000 psi	1700 MPa	ASTM D882
Dart Drop Impact	< 20 g	< 20 g	ASTM D1709A
Elmendorf Tear Strength MD	10 g	10 g	ASTM D1922
Elmendorf Tear Strength TD	800 g	800 g	ASTM D1922

Additional Information

Monolayer Film:

HTA108 can be added to LDPE, LLDPE or mLLDPE films to increase stiffness when high transparency is not mandatory.

Legal Statement

HTA 108 can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.

ExxonMobil Polyethylene is not intended for use in medical applications.

Typical properties: these are not to be construed as specifications.

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ExxonMobil Chemical ExxonMobil™ HDPE HTA 108 High Density Polyethylene Resin

Processing Statement

The test specimens for Vicat Softening Point were prepared using ASTM D 4703.

All film properties have been measured on 25 µm (0.98 mil) thick films (BUR of 2.5 : 1, pocket extrusion at 200°C / 392°F). Properties of coextruded films and blends can be found in the HTA108 Fact Sheet.

Notes

¹ Product may not be available in one or more countries in the identified Availability regions. Contact your Sales Representative for complete Country Availability.

Typical properties: these are not to be construed as specifications.

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EXCEED™ mLLDPE

EXCEED 1018 Series

Blown Film Resins

Description

Exceed 1018 Series grades are ethylene based polymers produced with metallocene single site catalysts using ExxonMobil's proprietary Exxpol technology.

Films made of Exceed 1018 Series grades have outstanding tensile, impact, puncture resistance, and low temperature properties. Exceed 1018 EB and Exceed 1018 FA contain slipagent and antiblock, which makes them suitable for formulations which require good openability and a low friction coefficient. They are ready-to-use versatile polymers for demanding mono layer and multi layer blown film applications.

Applications

- film for frozen foods
- high speed Form Fill Seal packaging
- overwrap films, e.g., for tissue
- thin gauge industrial and consumer films
- bag in box film
- trash bags
- liners

Additive Package	PPA	Antiblock	Slip	Thermal Stabilizer
Exceed 1018EB	Yes	2500 ppm	750 ppm	Yes
Exceed 1018FA	Yes	4500 ppm	450 ppm	Yes

Resin Properties	Test Based On	Typical Value / Unit
Melt Index	ASTM D1238	1.0 g/10 min
Density	ASTM D4703 / D1505	0.918 g/cm ³
Peak Melting Temperature	ASTM D3418	118 °C 244 °F

Film Properties

Tensile Strength	MD	ASTM D882	50 MPa	7500 psi
	TD		35 MPa	5100 psi
Elongation @ Break	MD	ASTM D882	440 %	
	TD		510 %	
1% Secant Modulus	MD	ASTM D882	180 MPa	26000 psi
	TD		180 MPa	26000 psi
Haze		ASTM D1003	4 %	
Gloss, 60° angle		ASTM D2457	13 %	
Dart Drop Impact, A/Face		ASTM D1709	30 g/μm	762 g/mil
Elmendorf Tear Strength	MD	ASTM D1922	9 g/μm	228 g/mil
	TD		15 g/μm	381 g/mil
Puncture Resistance		ExxonMobil Method	3 N/μm	16 lb/mil

Film properties have been measured on a 25 μm (0.98 mil) thick film made of Exceed 1018EB (BUR = 2.5 and a melt temperature of 210 °C, 410 °F). Optical film properties have been measured on 25 μm (0.98 mil) thick film made of Exceed 1018EB with addition of 10 % LDPE at the same conditions.

Exceed 1018EB and Exceed 1018FA can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.

Revised 02/04

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EXCEED™ mLLDPE

EXCEED 1327ED

Blown Film Resin

Description

Exceed 1327ED is an ethylene based polymer produced with metallocene single site catalysts using ExxonMobils proprietary Exxpol technology.

It produces films which have high modulus whilst retaining good toughness. Additionally, Exceed 1327ED is fully formulated with slip and antiblock, giving a versatile ready-to-use polymer for applications such as form fill and seal.

Applications

- overwrap
- mailing films
- industrial packaging

Additive Package	PPA	Antiblock	Slip	Thermal Stabilizer
EXCEED 1327ED	Yes	750 ppm	1250 ppm	Yes

Resin Properties	Test Based On	Typical Value / Unit	
Melt Index	ASTM D1238	1.3 g/10 min	
Density	ASTM D4703 / D1505	0.927 g/cm ³	
Peak Melting Temperature	ASTM D3418	123 °C	253 °F

Film Properties				
Tensile Strength	MD	ASTM D882	48 MPa	7000 psi
	TD		39 MPa	5650 psi
Elongation @ Break	MD	ASTM D882	530 %	
	TD		620 %	
1% Secant Modulus	MD	ASTM D882	300 MPa	43500 psi
	TD		320 MPa	46500 psi
Haze		ASTM D1003	6 %	
Gloss, 60° angle		ASTM D2457	12 %	
Dart Drop Impact, A/Face		ASTM D1709	7 g/μm	177.8 g/mil
Elmendorf Tear Strength	MD	ASTM D1922	11 g/μm	279.4 g/mil
	TD		17 g/μm	431.8 g/mil
Puncture Resistance		ExxonMobil Method	2.5 N/μm	14 lb/mil
COF, I/I		ASTM D1894	0.20	

Film properties have been measured on a 25 μm (0.984 mil) thick film (BUR = 2.5 and temperature setting of 210 °C, 410 °F).
Optical film properties have been measured on 25 μm (0.98 mil) thick film with addition of 10 % LDPE at same conditions.

EXCEED 1327ED can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.

Revised 12/03

ExxonMobil LDPE

LD 150 series

Blown Film Resin

Description

LD 150 series are LDPE grades, offering good blend mechanical properties and stiffness.

Several additive packages are available according to the required surface properties.

Applications

- medium duty shrink film
- shopper bags
- freezer film
- form fill and seal packaging
- general purpose

Additive Package	Antiblock	Slip	Thermal Stabilizer
LD 150BW	No	No	Yes
LD 150AC	450 ppm	500 ppm	Yes
LD 150CS	250 ppm	278 ppm	No

Resin Properties	Test Based On	Typical Value / Unit	
Melt Index	ASTM D1238	0.75 g/10 min	
Density	ASTM D2839 / D1505	0.923 g/cm ³	
Peak Melting Temperature	ASTM D3418	109 °C	228 °F
Crystallization Point	ASTM D3418	96 °C	205 °F

Film Properties

Tensile Strength	MD	ASTM D882	24 MPa	3500 psi
	TD		23 MPa	3350 psi
Elongation @ Break	MD	ASTM D882	370 %	
	TD		570 %	
1% Secant Modulus	MD	ASTM D882	220 MPa	32000 psi
	TD		260 MPa	37500 psi
Haze		ASTM D1003	7 %	
Gloss, 60° angle		ASTM D2457	9 %	
Dart Drop Impact, A/Face		ASTM D1709	3.5 g/μm	89 g/mil
Elmendorf Tear Strength	MD	ASTM D1922	4.0 g/μm	102 g/mil
	TD		4.0 g/μm	102 g/mil

The film properties have been measured on a 50 μm (1.97 mil) thick film of LD 150BW (Blow-up ratio : 2.5)

LD 150 series can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.

Revised 12/03