



DECLARATION OF COMPLIANCE

I, the undersigned, declare, that the goods described in the enclosed list:

Knives;
Cleavers;
Sets;
Spatulas;
Forks;
Accessories;

Which are regularly supplied to:

H. W. Larsen & Sonner A/S
Slagterbodern 15-21
DK 1716 Kobenhavn V
Denmark

Are manufactured / commercialised by:

ICEL – Indústria de Cutelarias da Estremadura, SA
Av. Padre Inácio Antunes, nº 45
2475-102 Benedita
Portugal

And are in compliance with the requirements for materials and articles intended for contact with foodstuffs - cutlery and table hollowware.

Legal and standards requirements applicable:

- EN ISO 8442-1:1997; EN ISO 8442-2:1997; EN ISO 8442-5:2004;
- The Portuguese Law nº62/2008 (Transposition of the EU Directive Nº 2007/19/CE; EU Directive Nº 2002/72/CE and the Regulation (CE) Nº 1935 /2004 of 27 October 2004);

Benedita, 13th November 2009


Isabel Garcias
Quality Manager



FOOD GRADE STATEMENT

EMISSION DATE: 11/11/2009

Reference(s): MB-2/1056; MB-5/669; MB-6/1242 and MB-8/1373*.

* - Maximum letdown: 6%.

We can confirm that products above, as supplied in original packaging, are suitable for the manufacturing of items intended to come into contact with foodstuffs, complying with the prescriptions set by the following regulations currently in force:

- PORTUGAL: Decreto-Lei n.º 29/2009 de 2 de Fevereiro, Ministério da Agricultura, do Desenvolvimento Rural e das Pescas, relativo aos materiais e objectos de matéria plástica destinados a entrar em contacto com os géneros alimentícios. Transpõe para a ordem jurídica interna a Directiva 2008/39/CE, e altera o Decreto-Lei nº 62/2008.
- EU: Directive 2002/72/EC “Plastic materials intended to come into contact with foodstuffs” and following amendments (2004/1/EC, 2004/19/EC, 2005/79/EC, 2007/19/EC and 2008/39/CE).

We remind, however, that it is end-user’s duty to ascertain that the finished items manufactured with the mentioned products, correspond to all requirements of the application they are intended for.

This information is issued by:

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CENTRO DE SEGURANÇA ALIMENTAR E NUTRIÇÃO
LABORATÓRIO DE CONTAMINANTES E EMBALAGENS

RELATÓRIO DE ENSAIO

ESTE RELATÓRIO SUBSTITUI O RELATÓRIO DE ENSAIO Nº 08-0264 DE 07/08/2008

Requisição nº : 08-0030475
Amostra nº : 08-0264
Data de entrada : 04/06/2008
Início de análise : 29/07/2008
Fim de análise : 05/08/2008

Natureza da amostra : Cabos Azuis para Facas

Requisitante : ICEL - IND. CUTELARIAS DA ESTREMADURA, SA

Morada : Av. da Igreja, Apartado 7, 2475-999 Benedita. Portugal

Motivo da análise : As determinações abaixo indicadas

Observações : A amostra foi entregue pelo Requisitante.

RESULTADO

Pela firma ICEL - IND. CUTELARIAS DA ESTREMADURA, SA foi solicitada a análise de uma amostra de cabos para facas, de material plástico destinado ao contacto com géneros alimentícios.

A amostra era constituída por cabos para facas de cor azul com as dimensões de cerca de 15 cm de comprimento e 3,5 cm de largura, tendo a firma declarado tratar-se de material à base de "Grilon XE 3642 Natural e pigmento fornecido pela Colorgal".

Parâmetro	(método)	Valor	Unidade
Migração global	(EN 1186)		
Simulador A- Água desmineralizada (4 horas a 100°C)		7,0	mg/dm ²
Simulador B-Solução aquosa a 3% (m/v) de ácido acético (4 horas a 100°C)		7,9	mg/dm ²
Ensaio alternativo ao simulador D-Solução aquosa a 95% (v/v) de etanol (24 horas a 40°C)		45 / 4	mg/dm ²

APRECIACÃO

= 11,25 mg/dm² = OK

Os valores da Migração Global encontrados para os simuladores dos géneros alimentícios A e B encontram-se abaixo do limite fixado pelo DL nº 62/2008 de 31 de Março (10 mg por dm²). De acordo com a legislação mencionada, o valor da Migração Global no ensaio alternativo ao simulador D está sujeito à aplicação do "factor de redução do simulador D" (FRD), que varia entre 1 e 5, dependente do tipo de alimento gordo em contacto com o material.

Data de saída, 01/04/2009

O Coordenador do Laboratório

Maria Antónia Calhau
(Maria Antónia Calhau)

PRODUCT CERTIFICATION



We certify that



has successfully completed the Microban® Product Certification trials and testing programme.

The Company has been awarded the right to use the Microban® Antibacterial Protection endorsement.

The Microban® Additive used in Icel products is in accordance with the EU Directive 02 / 72 / CE (06.08.2002) and amendments 04 / 1 / CE (06.01.2004), 04 / 19 / CE (01.03.2004), 05 / 79 / CE (18.11.2005), 07 / 19 / CE (02.04.2007), 08 / 39 / CE (06.03.2008) of the EU Scientific Committee for Food.

The Microban® Additive in Icel products is approved for use in food contact applications according to EU Directive 1935/2004 (27.10.2004).

MB 435764

Certificate Number

15.05.08

Date





Regulatory Affairs Product Stewardship Information / Certification Data Sheet (RAPIDS)

Moplen EP332L

Product Manufacturer

This product is manufactured by Basell Europe.

Chemical Inventories

All ingredients in this product are in compliance with the following chemical inventories:

United States: Toxics Substances Control Act Inventory (TSCA)

Canada: Domestic Substances List (DSL)

Europe: European Inventory of Existing Chemical Substances (EINECS)

Australia: Australian Inventory of Chemical Substances (AICS)

Korea: Korean Existing Chemicals List (KECL)

The Philippines: Philippines Inventory of Chemicals and Chemical Substances (PICCS)

This product has no special requirements under US TSCA (e.g. consent orders, test rules, 12(b) requirements, etc.).

Regulation 1935/2004/EC

This product is suitable to come into contact with food as provided below in our statement related to Directive 2002/72/EC. Basell maintains purchase, sales and manufacturing records adequate to meet the requirements of Traceability (art.17).

Food Contact

European Union (EU) Food Contact

The composition of this product complies with the following Legislations, Recommendations or Communications for the production of food packaging.

AUSTRIA: "K.V.O." N.476/2003 as amended at last by BGBl - Teil. II - N.325/2007

BELGIUM: "Arrete royal du 5 juillet 2006 (amending Arrete royal du 11 mai 1992 and modifying "Arrete royal du 3 juillet 2005")

DENMARK: Bekendtgørelse N. 1102 (09/11/2006).

FINLAND: "KTM", Paatos 953/2002 of 12.11.2002 (amended by 181/2005 of 10.03.2005)

FRANCE: "Materiaux au contact des aliments et de denre destine a l'alimentation humaine" Brochure n.1227 edition Janvier 1994 as updated.
Arrete du 02 Janvier 2003 (as modified at last by Arrete 19/10/2006).

GERMANY:

Bedarfsgegenstaendeverordnung- 30 November 2006 (BGBl I S.2730)

BfR is no longer applicable for this resin

GREECE: AXE Decision n.458/2003 modified by Decision n.330/2005

IRELAND: Statutory Instruments N.542 of 2002.

ITALY: "Decreto Ministeriale del 21/03/1973" amended on 26/4/1993 : D.M. N.220 and following updates (last update: D.M. N.82 of 18/04/2007).

LUXEMBOURG: "Reglement Grand-Ducal" du 27/01/2001.

NORWAY: "Kongelig resolusjon" of 11 March 1976 and updated 21/12/1993 N.1381 (Chapter II, Section 11)

PORTUGAL: Decreto-Lei n.º 197/2007 de 15 de Maio, amended by Decreto-Lei n.62/2008 de 31 de Março

SPAIN: Real Decreto N.118 31/01/2003 modified by Real Decreto N.866/2008 of 23/05/2008.

SWEDEN: Food regulation LIVSFS 2003:2 as amended by LIVSFS 2006:20.

THE NETHERLANDS: " Staatscourant n.114 of 15.06.2006.

ENGLAND: "The Plastic Materials and Articles in Contact with Food (England) Regulations 2008," Statutory Instrument 2008 No. 916"

SWITZERLAND: BGVO 817.023.21 of 23 November 2005.

CZECH REPUBLIC: Regulation of the Ministry of Health N.551/2006 modifying N.38/2001

The monomers used to produce the resin are listed in EU Directive 2002/72/EC and amendments up to Directive 2007/19/EC.

The additives used to produce the resin are listed in EU Directive 2002/72/EC and amendments up to Directive 2007/19/EC or in the relevant national legislations.

The additives/monomers for which a QM was imposed by Regulations (if any) are under our own responsibility.

No dual use additives subject to a restriction in food are used to produce this resin.

There is a SML specified by regulation for an additive in this resin. To obtain the identity of the additive, contact Basell.

A substance present as impurity of a "technical support agent" used in this product has a SML.
Substance PM/REF: 74880.

The concentration of the substance in the polymer is <0,05%.

For further details see below under "phthalates".

Processing aid

There are two processing aids used in this product which have SMLs.

EU Directive 2002/72/EC and amendments up to Directive 2007/19/EC, which applies to all EU Member States, specifies 10 mg/dm² as the maximum overall migration from finished plastic food contact articles. This is the responsibility of the converter.

In accordance with EU Directive 2002/72/EC and amendments up to Directive 2007/19/EC the migration should be measured using the actual foodstuff or the appropriate food simulants at the real time/temperature conditions of use, according to the rules specified in EU Directives 97/48/EC (amending 82/711/EEC) and 85/572/EEC.

We remind you that the users must verify that the finished items, manufactured according to good technology practice, must not modify the organoleptic properties of the food.

US Food and Drug Administration (FDA)

The base resin in this product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(3)(i) and (c)3.1a, 3.2a. According to our information, all other ingredients used in this product meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b). This product meets the FDA criteria in 21 CFR 177.1520 for food contact applications, including cooking, listed under conditions of use A through H in 21 CFR 176.170(c), Table 2 and can be used in contact with all food types as listed in 21 CFR 176.170(c), Table 1.

Tallow

Tallow derived additives may be used in the manufacture of this product.

Bovine Spongiform Encephalopathy (BSE)/Transmissible Spongiform Encephalopathy (TSE)/"Mad Cow"

STATEMENT ON THE USE OF TALLOW DERIVATIVES FOR FOOD CONTACT PLASTICS (AS AGREED UPON BY APME (NOW PIEUR) MEMBER COMPANIES)

The concerns relative to BSE/TSE in the context of plastics materials used in contact with food are linked to the use of additives of animal origin: tallow derivatives. These products (fatty acids, fatty alcohols, metallic soaps, fatty amines, fatty amides, fatty acid esters, glycerine) are incorporated into plastics as lubricants, slip agents, anti-static agents as well as emulsifiers, anti-oxidants or corrosion inhibitors. They are primarily extracted from tissues of ovine or bovine origin. The tallow derivatives used for the production of our plastics materials undergo a series of severe process steps during manufacture:

Normally, pre-treatment of tallow and/or animal fat with strong acids

Hydrolytic cleavage at temperatures above 200 C, under pressure, for more than 20 minutes, yielding glycerine and fatty acids

Transesterification of the fatty acids with methanol at temperatures above 200 C, under pressure, for more than 20 minutes, yielding fatty acid methyl ester

Reduction of fatty acid methyl esters with hydrogen at temperatures above 200 C, under high pressure, for more than 20 minutes, yielding fatty alcohols

According to the revised opinion of the EU Scientific Steering Committee on the Safety of Tallow (June 2001) and the recommendation for inactivation of TSE included (among others) in the Commission Directive 2000/6/EC, in the updated report of APAG of April 2001 and also in the Regulation (EC) N.1774/2002, the above-mentioned treatments do ensure a complete inactivation of any TSE/BSE agent regardless of the source and type of material. The additional exposure of the plastic materials to temperatures ranging from 150 deg. C to 300 deg. C during 30 seconds up to several minutes,

both at the compounding step and in the final conversion process, represents an additional safety factor ensuring the complete protection of people's health in respect of TSE/BSE for plastic materials used in contact with food.

The tallow derived raw materials used in this product fulfill the requirements laid down in the Note for Guidance, EMEA/410/01, rev.2, part 6.4 (Tallow Derivatives).

Our suppliers declare that the tallow derivatives are Category 3 materials and are manufactured under the conditions given in the aforementioned Note for Guidance.

Kosher

We do not certify our resins to be Kosher or in compliance with Kosher requirements.

European Pharmacopeia (EP)

This product cannot be certified for compliance to EP requirements.

Drug Master File (DMF)

Information on this product is not listed in a DMF.

US Pharmacopeia (USP)

This product cannot be certified for USP

Latex

"Natural rubber latex", "dry natural rubber", "synthetic latex" or "rubber that contains natural rubber" are not used in the manufacture of or the formulation of this product.

Heavy metals (ELV Directive 2000/53/EC and its following amendments)

The quantity (statistically evaluated) of Cd, Pb, Cr(VI), Hg present in this grade is deemed below the limitis given in Annex II (Note) of the Decision 2005/673/EC of September 20th (amending Annex II of Directive 2000/53/EC) which establishes:

0.1% Lead

0.1% Chromium

0.1% Mercury

0.01% Cadmium

Coalition of Northeastern Governors (CONEG)

Cadmium, chromium (VI), lead and mercury are not used in the manufacture of or the formulation of this product. In addition, this product meets the CONEG requirements of less than 100 ppm for total incidental cadmium, chromium, lead and mercury.

European Union (EU) Directive - Packaging and Packaging Waste - 94/62/EC (as amended)

Cadmium, chromium (VI), lead and mercury are not used in the manufacture of or the formulation of this product. This product meets the year 2001 requirements of less than 100 ppm for total incidental cadmium, chromium (VI), lead and mercury. In addition, this product has the potential to be recycled according to these requirements.

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product presents "no significant risk" for cancer to the people of California. This product contains no substances known to the State of California to cause reproductive toxicity at a level of exposure subject to the requirements of Proposition 65.

Butylated Hydroxytoluene (BHT) and Butylated Hydroxyanisole (BHA)

BHT and BHA are not used in the manufacture of or formulation of this product. However, this product has not been tested for these chemical substances.

Ozone Depleting Chemicals (ODCs)

Class I and Class II ODCs(as defined in Montreal Protocol)dealt in the Regulation 2037/2000/EC and following amendments, are not used in the manufacture of or formulation of this product.

Toys

This product complies with the requirements in CEN Standard EN71.3.

The phthalates listed in Annex of Directive 2005/84/EC (Annex I of Directive 76/769/EEC) are not intentionally added in the manufacture of or the formulation of this product in a concentration above the given limits.

Phthalates

The phthalates for which opinions have been given by EFSA (European Food Safety Authority) and TDI's (Tolerable Daily Intake) established for use in plastics for containers in food applications, are not intentionally added in the manufacture of or the formulation of this product. The phthalates are di-iso-nonyl phthalate(DINP), di-(2-ethylhexyl)phthalate(DEHP), di-n-butyl phthalate(DBP), di-iso-decyl phthalate(DIDP), butylbenzyl phthalate(BBP).

In addition, di-iso-butyl phthalate (DIBP) has recently been classified by TC C&L of ECB (Commission Working Group on Classification & Labelling - European Chemicals Bureau) in accordance with the requirements of Directive 67/548/EC (Classification and labelling of dangerous substances), taking into account a NOAEL (No Observed Adverse Effect Level) supplied by European Industry. Based on the NOAEL, the toxicity of DIBP is more than 100 times lower than DNBPs (product assessed by EFSA for use in plastics in contact with food).

Basell is aware of the publicity about phthalate plasticizers. Phthalate plasticizers are in general used in specific non-olefinic resin systems to soften these resins and make them flexible. When phthalate plasticizers are added, they can constitute up to 50% of the resultant plastic material. Basell does not use any plasticizers in the resins it supplies. Polyolefins do not require the use of plasticizers to make them soft and flexible. Those phthalate plasticizers that have been associated with potential health issues, specifically di(2-ethylhexyl) phthalate (DEHP), di-iso-nonyl phthalate (DINP),di-iso-decyl phthalate (DIDP), di-n-butyl phthalate (DBP) and butyl benzyl phthalate (BBP), are not intentionally used by Basell in the manufacture of or formulation of its resins.

All Basell operations are guided by our commitment to be a responsible supplier, always respecting the health and safety of our employees, our contractors, our customers and the community, as well as the quality of the environment in which we live and operate. Basell is a firm supporter of the chemical industry's Responsible Care® program and the Product Stewardship code. Basell supplies polyolefin resins that are safe when used properly for their intended applications.

In keeping with the principles of Responsible Care®, Basell is supporting industry efforts to study chemicals for their potential to cause endocrine disruption.

As for this product, a phthalate compound, diisobutyl phthalate (DIBP), is a minor component of the catalyst system used to manufacture some of the base polyolefin resins. This is typical of polypropylene resins produced with high mileage catalysts. An impurity in the DIBP is di-n-butyl phthalate (DNBP), sometimes referred to as dibutyl phthalate(DBP). During processing, DIBP reacts and converts to two related phthalate compounds diethyl phthalate (DEP) and ethyl isobutyl phthalate. The phthalates are "technical support agents" as defined by European Union Directive 2007/19/EC. None of the four phthalates has been determined to be human carcinogens or endocrine disrupters at the low levels as suggested by environmentalists. Testing of several resins has resulted in the identification of residual phthalates content no more than 10-15 parts per million. Further testing with food simulants, per general conditions of use as established in European Union Directives 2002/72/EC and 82/711/EEC and their amendments, has resulted in phthalate migration not detected at a sensitivity of 20 parts per billion (0,02 parts per million or 0,02 mg/kg).

A SML (Specific Migration Limit) equal to 0,3 mg/kg (300 ppb) has been established in Directive 2007/19/EC for DNBP.

Acrylamide

Acrylamide (CAS number 79-06-1) is not used in the manufacture of or the formulation of this product. However, we do not test this product for acrylamide.

Aromatic Amines

Aromatic amines are not used in the manufacture of or formulation of this product. However, this product has not been tested for these chemical substances.

Asbestos

Asbestos is not used in the manufacture of or formulation of this product. However, this product has not been tested for this chemical substance.

Bisphenol A

Bisphenol A is not used in the manufacture of or the formulation of this product. However, this product has not been tested for this chemical substance.

Dioxin

Dioxin is not used in the manufacture of or formulation of this product. Dioxin is not known to be formed during processing of this product.

Nonylphenol

Nonylphenol and Nonylphenol ethoxylates are not used in the manufacture of or the formulation of this product. However, this product has not been tested for these chemical substances.

Organo-tin Compounds

Tributyl-tin (TBT), dibutyl-tin (DBT), monobutyl-tin (MBT) or any other organo-tin compounds are not used in the manufacture of or the formulation of this product.

However, this product has not been tested for these chemical substances.

Polychlorinated Biphenyls (PCBs), Polybrominated Biphenyls (PBBs), Polychlorinated Terphenyls (PCTs), Polybrominated Diphenyl Ethers (PBDEs) and Polybrominated Terphenyls (PBTs)

Polychlorinated biphenyls (PCBs), polybrominated biphenyls (PBBs), polychlorinated terphenyls (PCTs), polybrominated diphenyl ethers (PBDEs) and polybrominated terphenyls (PBTs) are not used in the manufacture of or formulation of this product. However, this product has not been tested for these chemical substances.

Vinyl Chloride

Vinyl chloride (CAS number 75-01-4) is not used in the manufacture of or the formulation of this product. However, we do not test this product for vinyl chloride.

Regulation (EC) N.1895/2005

BADGE, NOGE and BFDGE are not used in the manufacture of or the formulation of this product according to requirement of Regulation N.1895/2005.

Switzerland "VOC-LENKUNGSABGABE"

This product contains less than 3% VOC's of the substances in the positive lists of the above Regulations.

Restriction of Hazardous Substances in Electric and Electronic Equipment (RoHS) - Directive 2002/95/EC, as amended.

At the light of our aknowledge,

- PBDE
- PBB
- Chromium (VI)
- Lead
- Mercury
- Cadmium

are not used nor intentionally added in the production of the resin.

For a coloured grade, pigments/colourants may contain traces of the above heavy metals.

The incidental sum of their concentrations does not exceed the limits established by Decision 2005/618/EC

Composting - CEN Standard prEN 13432

This product is not suitable for composting.

Energy Recovery - CEN Standard prEN 13431

The calorific gain from polypropylene in an energy recovery process is 24 MJ/kg.

Ultimately customers must make their own determination that their use of our product is safe, lawful (except as provided in the above certifications) and technically suitable in their intended applications.

This certificate shall continue in effect for 1 year from its effective date unless it is modified before. If, during such 1 year period, Basell changes the product formulation such that the RAPIDS is no longer accurate, Basell will notify you (normally by e-mail). Basell shall not notify you in case changes in the regulations occur.

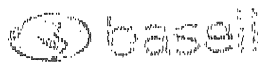
Basell recommends that customers continuing to use our product verify status frequently and at least every year from the issue date of the RAPIDS.

Certified by:



Patrizia Busi
Regulatory Affairs Manager - Europe
Basell Poliolefine Italia S.r.l
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Approved on Monday, July 28, 2008. Valid for 1 year.



OT/29/2007

Moplen EP332L

Polypropylene, Impact Copolymer

Product Description

"Moplen" EP332L is a heterophasic copolymer, suitable for injection moulding. It is formulated with a highly effective heat stabilisation package. It exhibits a medium fluidity combined with a good balance of impact and stiffness. It exhibits also a low warpage tendency.

"Moplen" EP332L is applied in injection moulding applications requiring a good resistance to long term heat exposure, in particular for battery cases and automotive components.

"Moplen" EP332L is suitable for food contact.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Injection Moulding, Multi
Features	Copolymer, Impact, Flow, Medium, Food Contact Acceptable, Heat Aging Resistance, Good, Heat Stabilized, Impact Resistance, Good, Stiffness, Good, Warpage, Low
Typical Customer Applications	Appliances, Battery Cases, Wire & Cable

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.900 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	7.0 g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	9.50 cm ³ /10min
Mechanical		
Tensile Modulus	ISO 527-1, -2	1200 MPa
Tensile Stress at Yield	ISO 527-1, -2	26.0 MPa
Tensile Strain at Break	ISO 527-1, -2	50 %
Tensile Strain at Yield	ISO 527-1, -2	7.0 %
Impact		
Charpy unnotched impact strength	ISO 179	
(-20 °C, Type 1, Edgewise)		80.0 kJ/m ²
(0 °C, Type 1, Edgewise)		140 kJ/m ²
(23 °C, Type 1, Edgewise)		No Break kJ/m ²
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		7.50 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		4.50 kJ/m ²
(-20 °C, Type 1, Edgewise, Notch A)		3.50 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	53.0 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	70.0 °C
Vicat softening temperature	ISO 306	
(A50 (50°C/h 10N))		148 °C

(B50 (50°C/h 50N))

67.0 °C

Notes

Typical properties; not to be construed as specifications.

finest and dust particles that are contained in polymer resin. These conditions pose an explosion hazard. We recommend the conveying system used is equipped with adequate filters, is operated and maintained that no leak develops and adequate grounding exists at all times.

Health and Safety:

The resin is manufactured to the highest standards but, special requirements apply to certain applications such as food end-use contact and direct medical use. For specific information on regulatory compliance contact your local representative.

Workers should be protected from the possibility of skin or eye contact with molten polymer. Safety glasses are suggested as a minimal precaution to prevent mechanical or thermal injury to the eyes.

Molten polymer may be degraded if it is exposed to air during any of the processing and off-line operations. The products of degradation have an unpleasant odour. In higher concentrations they may cause irritation of the mucus membranes. Fabrication areas should be ventilated to carry away fumes or vapours. Legislation on the control of emissions and pollution prevention must be observed. If the principles of sound manufacturing practice are adhered to and the place of work is well ventilated, no health hazards are involved in processing the resin.

The resin will burn when supplied with excess heat and oxygen. It should be handled and stored away from contact with direct flames and/or ignition sources. In burning the resin contributes high heat and may generate a dense black smoke. Starting fires can be extinguished by water, developed fires should be extinguished by heavy foams forming an aqueous or polymeric film. For further information about safety in handling and processing please refer to the Material Safety Data Sheet.

Storage:

The resin is packed in 25 kg bags or in bulk containers protecting it from contamination. If it is stored under adverse conditions, i. e. if there are large fluctuations in ambient temperature and the atmospheric humidity is high, moisture may condense inside the packaging. Under these circumstances, it is recommended to dry the resin before use. Unfavourable storage conditions may also intensify the resin's slight characteristic odour.

The resin is subjected to degradation by ultra-violet radiations or by high storage temperatures. Therefore the resin must be protected from direct sunlight, temperatures above 40°C and high atmospheric humidity during storage. The resin can be stored over a period of more than 6 months without significant changes in the specified properties, appropriate storage conditions provided. Higher storage temperatures reduce the storage time.

The information submitted is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. The data do not relieve the customer from his obligation to control the resin upon arrival and to complain about faults. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

© 2003 Basell Service Company B.V.

For the contact details of the Basell company selling this product in your country, please visit the Basell website at <http://www.basell.com/>.

Before using a Basell product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the Basell product safely and legally. (Material Safety Data Sheets are available from Basell at

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

Release Date: 05 Mar 2007



KOLON PLASTICS, Inc.

1018 UNGMYUNG-DONG, GIMCHON-CITY, GYUNG SANG BUK-DO, 740-180, KOREA
TEL: (82-54) 420-8351, FAX : (82-54) 420-8329

Certification

Company : **KOLON PLASTICS, Inc.**
Address : **1018 Ungmyung-Dong, Gimchon-Si, GyungSangBuk-Do,
740-180, Korea**
Name and the function :

We certify the co-polymers, ***KOCETAL K300, K300BK ; 1,3,5-Trioxane, polymer with 1,3-dioxolane, Cas No.24969-26-4 (submitter name(s) : copolymer of dioxolane and trioxane),*** supplied by the KTP Industries, Inc. ***Satisfy the extractive limitations of EU Directive 2007/72/EC and also it have been listed in ANNEX of EU Directive 2002/72/EC***

- **Material for Certification**

KOCETAL K300, K300BK

26 Feb 2009
Date

R&D Center
KOLON PLASTICS, Inc.
Tel: +82-54-420-8340
Fax: +82-54-420-8329

Approved by

Bok Soo Kim / R&D Center Manager

Signature & Supplier's stamp

ACERINOX, S.A.

FABRICA DEL CAMPO DE
GIBRALTAR
PALMONES (LOS BARRIOS)
TFNO (34) - 956 62 93 00
FAX (34) - 956 62 93 11
P.O. BOX 83
11370 LOS BARRIOS (CADIZ)



Certified systems of management
in environment and quality

INSPECTION CERTIFICATE

CERTIFICADO DE INSPECCION

3.1

ACCORDING TO EN 10204
SEGUN

CERTIFICATE N° 51 2009 5816 20001 5
CERTIFICADO N°

CUSTOMER
CLIENTE

ICEL - IND. DE CUTEIARIAS DA ESTREMADEIRA, S.A.
AV. PADRE INACIO ANTUNES, 45
BENEDITA
2475-901 BENEDITA

OUR ORDER N°
N/PEDIDO

KN 5545

YOUR ORDER N°
S/PEDIDO

ec090250

TRADE MARK
SELLO DEL FABRICANTEINSPECTOR'S STAMP
SELLO DEL INSPECTORSTEELMAKING PROCESS
PROCESO DE ACERIA

A.O.D.

REQUIREMENTS
NORMAS APLICABLES

EN 10088-2:2005

INTERGRANULAR CORROSION
CORROSION INTERGRANULARGRADE
MATERIAL

Acx 380 1.4118

FINISH
ACABADO

28

COIL / BOX BOBINA/CAJA	CONTENT CONTENIDO	DIMENSIONS DIMENSIONES			MARKS MARCA	QUANTITY CANTIDAD	TEST N° PROBETA	
		THICKNESS ESPESOR	WIDTH ANCHO	LENGTH LARGO				
R09634	O2D8L5 BB	1,750	1000,00	2000,00	1	37	O2D8L5	C
R14159	O2D7N1 B	1,750	1000,00	2000,00	2	41	O2D7N1	C

CHEMICAL ANALYSIS / COMPOSICION QUIMICA (%)

HEAT N° COLADA	C	CR	MN	MO	P	S	SI	V							
REQUIREMENTS REQUISITOS	0,450 0,550	14,000 15,000	1,000	0,500 0,800	0,040	0,015	1,000	0,100 0,200							
D7N1	0,526	14,345	0,495	0,561	0,024	0,001	0,563	0,124							
D8L5	0,498	14,344	0,383	0,641	0,024	0,001	0,482	0,124							

MECHANICAL PROPERTIES / CARACTERISTICAS MECANICAS

TEST N° PROBETA	PROBE SIT	Rm N/mm2	A80 %	HV10											
REQUIREMENTS REQUISITOS		850,00	12,00	280,00											
O2D7N1	C T	687,28	21,86	206,00											
O2D8L5	C T	645,19	27,43	189,00											

REMARKS / OBSERVACIONES

The delivery is in accordance with the order

SURFACE AND DIMENSIONAL CONTROL
INSPECCION SUPERFICIAL Y DIMENSIONAL

SATISFACTORY
Satisfactoria

WORK INSPECTOR
INSPECTOR

T. Micó

Palmones, 21 JULIO 2009

ACERINOX, S.A.

FABRICA DEL CAMPO DE
GIBRALTAR
PALMONES (LOS BARRIOS)
TFNO (34) - 956 62 93 00
FAX (34) - 956 62 93 11
P.O. BOX 83
11370 LOS BARRIOS (CADIZ)



Controlled systems of management
in environment and quality

INSPECTION CERTIFICATE

CERTIFICADO DE INSPECCION

3.1

ACCORDING TO EN 10204
SEGUN

CERTIFICATE N° 51 2009 5816 10001 5
CERTIFICADO N°

CUSTOMER

CLIENTE

ICEL - IND. DE CUTELARIAS DA ESTREMADEIRA, S.A.
AV. PADRE INACIO ANTUNES, 45
BENEDITA
2475-901 BENEDITA

OUR ORDER N°

N/PED100

KN 5545

YOUR ORDER N°

S/PED100

ec090250

TRADE MARK
SELLO DEL FABRICANTE



INSPECTOR'S STAMP
SELLO DEL INSPECTOR

STEELMAKING PROCESS
PROCESO DE ACERIA

A.D.D.

REQUIREMENTS

NORMAS APLICABLES

EN 10088-2:2005

INTERGRANULAR CORROSION

CORROSION INTERGRANULAR

GRADE

MATERIAL

Aex 380

1.4118

FINISH

ACABADO

2B

COIL / BOX BOBINA/CAJA	CONTENT CONTENIDO	DIMENSIONS DIMENSIONES			MARKS MARCA	QUANTITY CANTIDAD	TEST N° PROBETA	
		THICKNESS ESPESOR	WIDTH ANCHO	LENGTH LARGO				
T88874	06M3P3 B	2,000	1000,00	2000,00	4	36	06M3P3	C
T88875	06M3P3 B	2,000	1000,00	2000,00	5	36	06M3P3	C
T88876	06M3P3 B	2,000	1000,00	2000,00	6	36	06M3P3	C
T88877	06M3P3 B	2,000	1000,00	2000,00	7	36	06M3P3	C
T88878	06M3P3 B	2,000	1000,00	2000,00	8	36	06M3P3	C
T88879	06M3P3 B	2,000	1000,00	2000,00	9	36	06M3P3	C

CHEMICAL ANALYSIS / COMPOSICION QUIMICA (%)

HEAT N° COLADA	C	CR	MN	MO	P	S	SI	V								
REQUIREMENTS REQUISITOS	0,450 0,550	14,000 15,000		0,500 0,800		0,040 0,015	1,000	0,100 0,200								
M3P3	0,484	14,286	0,311	0,580	0,020	0,001	0,501	0,116								

MECHANICAL PROPERTIES / CARACTERISTICAS MECANICAS

TEST N° PROBETA	PROBE TYPE	Rm N/mm2	A80 %	HV10												
REQUIREMENTS REQUISITOS		850,00	12,00	280,00												
06M3P3	C T	680,13	18,61	198,00												

REMARKS / OBSERVACIONES

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SURFACE AND DIMENSIONAL CONTROL

INSPECCION SUPERFICIAL Y DIMENSIONAL

SATISFACTORY
Satisfactoria

WORK INSPECTOR

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T. Micó

Palmones, 21 JULIO 2009