GRAVIS ANZIN S.A.
B.P. 19
59416 ANZIN

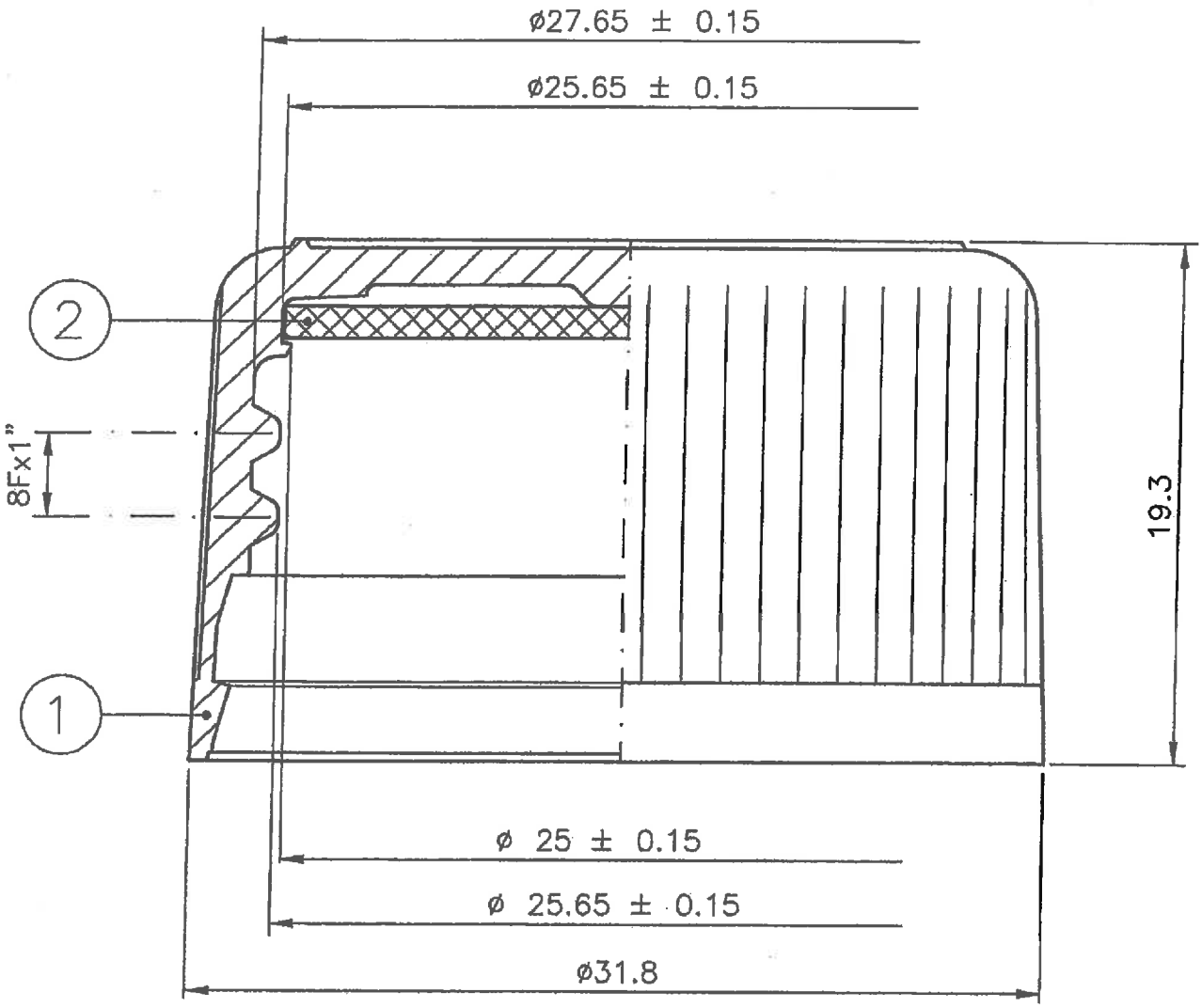
FICHE TECHNIQUE :

CAPSULE NOIRE PP28 + Jt POLESPAN

Réf. AF4026GR01

Code info. : CBL.P28 BTZ

Note	---



SC

2	GUARNIZIONE LINER	--	---	--	SPESSORE 1.2
1	CAPSULA TE	PP	2.9 ± 0.3	I 1096	DISEGNO N° A 2261/D
Pos.	Particolare	Materiale	Peso Gr.	Articolo	Note

Denominazione: COMPLESSIVO TE 28 x LINER			
Cliente: VARI	Cap. Nom. ML. ---		
Materiale: V. TABELLA	Cap. RB. ML. -- ±--	Dis.da M.PEDRONA	Data 29/06/05
Toll. Gen. ± 0.2	Peso Gr.V. TABELLA	Contr.da	Aggiornato da(al) --
Sostit. e Annulla Dis.N° ------ del ------		Art. V. TABELLA	Dis.N° A 4879

Scala 4:1

Sugherificio Gandolfi

GUARNIZIONI-LINERS

DATA SHEET

EXPANDED POLYETHYLENE LINERS: POLESPAN PE2

POLESPAN PE2 is a plastic lining material with the following characteristics:

- **COMPOSITION:** expanded Polyethylene LDPE laminated PE film both sides 50 my
- **DENSITY:** 0.40 g/cc nominal +/- 0.04 g/cc
- **THICKNESS:** from 0,8 mm. to 2,4 mm. +/- 0,20 mm.
- **DIAMETER:** nominal +/- 0,20 mm.
- **HARDNESS:** Shore A (ISO 868) A/70/15

POLESPAN PE2: PROPERTIES

- dimensionally stable
- excellent impermeability
- odourless
- good compressibility and resiliency
- specific barrier properties meet the requirements for a perfect preservation of a wide range of products for beverage, food, pharmaceutical and cosmetic industries

POLESPAN PE2: SUITABILITY

- It conforms to the packaging regulations
- raw materials and technological support are permitted and employed under the conditions, limits and tolerances provide by Italy D.M. 21/03/73 and following additions, raccomandation BgVV, regulations by FDA, directive 02/72/CE, 97/48/CE and 94/62/CE, Materiaux au contact des Aliments (brochure n.1227), Real Decreto 211/1992, Farmacopea Europea par.3.1.3.
- it is guaranted that the formulation and technological processes used in the preparation of the product are constant as regards the prototype sample
- no waste plastic material or plastic material already used have not been employed in the manufacture of this object

TESTING

We strongly recommend to carry out laboratory tests to determine the suitability of the liner being considered for any given applications.

We can assume **NO** responsability for the function of these materials in operation not under our direct control.

Sugherificio GANDOLFI S.p.A.
Via Alessandro Volta n. 32
26861 FOMBIO (LO)

Rev.0

SABIC EuroPetrochemicals BV
Regulatory Affairs & Product Compliance

VERSION: 2003-12-12

FOOD CONTACT DECLARATION

The chemical composition of **SABIC® LDPE 1922T 00900** complies with the following recommendations or regulations for food contact applications:

Germany

Empfehlung III "Polyäthylen", of "Kunststoffe im Lebensmittelverkehr": Empfehlungen des Bundesinstitutes für gesundheitlichen Verbraucherschutz und Veterinärmedizin (BGVV) (Former BGA).
Status: January 2002.

Neufassung der Bedarfsgegenständeverordnung of 23 December 1997, latest amendment June 20, 2002 (BGBL 2002 I S. 2076).

UK

Plastics for food applications: A code of practice for safety in use, issued by BPF/BIBRA. 1991 Edition.

Statutory Instruments 1998 No.1376, 2000 No.3162, 2002 No.2364 and 2002 No.3008.
Status: February 2003.

Netherlands

Verpakkingen- en Gebruiksartikelen-besluit, 1979 (Warenwet) and 16 supplements, Chapter 1.

Belgium

Koninklijk Besluit betreffende materialen en voorwerpen bestemd om met voedingsmiddelen in aanraking te komen, Annex 1, May 11, 1992; and amendments of July 9, 1993, and of September 20, 1998.

SABIC EuroPetrochemicals B.V. Trade Register Zuid Limburg nr. 14073237

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France

Brochure n°. 1227 du Journal Officiel de la République Française; Matériaux au contact des denrées alimentaires, produits de nettoyage de ces matériaux.
Edition July 2002.
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, Journal Officiel de la République Française of January 29th 2003.

Spain

Reglamentación Technico-Sanitaria (BOE 4 June 1982) Anexo 1 (BOE 24 November 1982). Real decreto 211/1992 of 06.03.1992 "por el que se aprueba la lista de sustancias permitidas para la fabricación de materiales y objetos plásticos a entrar en contacto con los alimentos y se regulan determinadas condiciones de ensayo", issued in BOE 72 of 24.03.1992, R.D. 2207/1994 of 16.11.1994, R.D. 442/2001 of 27.04.2001 and R.D. 118/2003 of 31.01.2003.

Italy

Decreto del Presidente della Reppublica 23.08.1982, No. 777, updated by Decreto Legislativo of 25 January 1992, n°. 108.

Decreto Ministeriale of 21 March 1973, "concernente la disciplina igienica degli imballaggi, recipienti, utensili destinati a venire in contatto con le sostanze alimentari e con sostanze d'uso personale", and its subsequent amendments.
Status: July 1998.

Norway

Forskrift om materialer og gjenstander i kontakt med næringsmidler.
Status: December 1993.

Finland

Kauppa- ja teollisuusministeriön päätös elintarvikkeen kanssa kosketukseen joutuvista muovisista tarvikkeista.
Status: June 1998.

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Denmark

Sundhetsministeriets Bekendtgorelse 239 of 30 March 1994 re "plastmaterialer og genstande bestemt til at komme i beroring med levnedsmidler". Sundhetsministeriets Bekendtgorelse 931 of 6 December 1995, 1064 of 4 December 1996 and 1215 of 18 December 2000.

Sweden

Statens livsmedelsverks kungörelse om ändring i kungörelsen (SLV FS 1993:18) med föreskrifter och allmänna rad om material och produkter avsedda att komma i kontakt med livsmedel.
Status: June 1994.

Austria

Lebensmittelgesetz 1975 - (LMG) BGBL.Nr. 86/1975, Paragraph 30, Section 2, by the Ministerial Order of 2 December 1975, as amended.
Status: October 1995.

Kunststoffverordnung 775 of 23 September 1994. Amendment of KVO no. 898, 29.12.1995, BGBl no. 300.

Grade-specific approval of the "Bundesanstalt für Lebensmitteluntersuchung und -Forschung".

Switzerland

Bundesgesetz über Lebensmittel und Gebrachsgegenstände (Lebensmittelgesetz, LMG).
Status: October 1992.

Verordnung über Materialien und Gegenstände aus Kunststoff (Kunststoffverordnung, KsV).
Status: June 1995.

Non-objection letter of the Federal Office for Public Health (Bundesamt für Gesundheitswesen).

EC

EC Commission Directive 2002/72/EC of August 6, 2002 (Consolidation of EC Commission Directive 90/128/EEC including 7 amendments).

This material contains no monomers which are regulated with a specific migration limit.

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This material contains no additives.

Based on migration experiments with test samples made of SABIC® LDPE 1922T 00900 or a comparable grade and carried out in the presence of the standard food simulants during 10 days at 40°C, this material is considered suitable for use as a raw material in the production of materials and articles intended for food contact applications over a long period of time at room temperature
- with non fatty food (according to tests with water, 3% acetic acid and 10% ethanol as food simulants) and
- with fatty food that has a **reduction factor above 2** (according to EC Council Directive 85/572/EEC).
For use with fatty food with a reduction factor equal to or below 2, only relatively short contact periods are recommended, since after a long period of contact with this type of fatty food, the presence of polyethylene waxes in the polymer may cause the global migration to exceed the limit of 10 mg/dm².

USA

Code of Federal Regulations, issued by Food and Drug Administration (FDA), paragraph 21 CFR 177.1520 (olefin polymers).

Based on extraction experiments, SABIC® LDPE 1922T 00900 is considered suitable for use in articles that contact food, except for articles used for packing or holding food during cooking (specification 177.1520(c)2.1.).

SABIC® LDPE 1922T 00900 does not contain additives.

Status: April 1, 2002.

We wish to stress that the migration- and extraction- test results may differ significantly from the performance of the final plastic material or article under the actual and foreseeable conditions of use.

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www. sabic-europe.com

It is the responsibility of the converter or food packager that markets the final material or article to guarantee its compliance under actual and foreseeable conditions of use, and to check it on a regular basis.

The recommendations or regulations mentioned above refer to the final materials and articles that directly contact the food.

This declaration however, is restricted to SABIC® LDPE 1922T 00900 as it leaves the production facilities.
This declaration does not cover:
- any substance subsequently added by the converter,
- poor material or end product due to inexpert manufacture by the converter,
- any negative influence of the finished article on the organoleptic properties of the packaged food.

As the above-mentioned Regulations develop continuously, our declarations will be adapted accordingly.
Therefore we advise the receivers to ask for a new declaration periodically.

This declaration replaces all previous ones relating to this subject.

In the name of the manufacturer,

J.H. Hennen
Product Compliance Expert

SABIC EuroPetrochemicals B.V. Trade Register Zuid Limburg nr. 14073237

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basell

Regulatory Affairs Product StewardshipInformation / Certification Data Sheet (RAPIDS)

Moplen RP315M

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)

Japan: Japanese Inventory (ENCS)

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.).

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.775, 23/09/1994 as amended at last by BGBl 14/10/2003 - Teil. II - n.476

BELGIUM: "Arrete royal du 10 decembre 2002 (amending Arrete royal du 11 mai 1992).

DENMARK: Foedevaredirektorates Bekendtgoerelse N. 111 (20/02/2003).

FINLAND: "KTM", Paatos 953/2002 of 12.11.2002.

FRANCE: "Materiaux au contact des aliments et de denre destine a l'alimentation humaine" Brochure n.1227 edition Janvier 1994 as updated. Arrete du 14 Septembre 1992 (as modified at

last by Arrete 02/01/2003).

GERMANY:

Bedarfsgegenstandeverordnung- 7 April 2003

BfR is no longer applicable for this resin

GREECE: AXE Decision n.458/2002

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.123 of 28/03/2003).

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

NORWAY: "Kongelig resolusjon" of 11 March 1976 and updated 21/12/1993.

PORTUGAL: "Decreto Lei" N.4/2003 of 10/01/2003.

SPAIN: Resolucion de 04/11/1982 amended by Real Decreto 442/2001.

SWEDEN: Food regulation SLV FS 1993:18 as updated by SLV FS 2003:2.

THE NETHERLANDS: " Staatscourant n.67 of 4.04.2003.

UNITED KINGDOM: "Plastics for food contact applications" Revised Ed.1986. Statutory Instruments, 1992 N.3145 and followings updates (last update: S.I. 2002/N.3008).

SWITZERLAND: KsV, 26 June 1995 as modified by KsV, 30/01/1998.

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

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

There are NO SMLs specified by the regulations for the components of this resin.

EU Directive 2002/72/EC and amendments, 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 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/EC) and 85/572/EC.

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 Encephalephy (BSE)/Transmissible Spongiform Encephalephy (TSE)/"Mad Cow"

STATEMENT ON THE USE OF TALLOW DERIVATIVES FOR FOOD CONTACT PLASTICS (AS AGREED UPON BY APME 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 C to 300 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 fullfill the requirements laid down in Note for Guidance EMEA/410/01 , 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 a.m. Note for Guidance

Kosher

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

Drug Master File (DMF)

Information on this product is not listed in a DMF. Contact your company representative if this is a need.

European Pharmacopeia (EP)

This product cannot be certified for compliance to EP requirements.

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)

The quantity (statistically evaluated) of Cd, Pb, Cr, Hg present in this grade is deemed below the limitis given in Annex II (Note) of the Decision 2002/525/EC of June 27th (amending Annex II of Directive 2000/53) which establishes: 0.1% Lead 0.1% Chromium 0.1% Mercury 0.01% Cadmium

Coalition of Northeastern Governors (CONEG)

Cadmium, chromium, 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, 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, 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" 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 listed in the Resolution 2037/2000/EC 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 article 1 of Decision 1999/815/EC are not intentionally added in the manufacture of or the formulation of this product. The phthalates are: DINP (di-iso-nonyl phthalate) DEHP (di-(2-ethylhexyl)phthalate) DBP (di-n-butyl phthalate) DIDP (di-iso-decyl phthalate) DNOP (di-n-octyl phthalate) BBP (butylbenzyl phthalate)

Phthalates

The phthalates listed in Italian Ministry of Health Decree no538, dated December 17, 1999, are not intentionally added in the manufacture of or the formulation of this product. The phthalates are: DINP (di-iso-nonyl phthalate) DEHP (di-(2-ethylhexyl)phthalate) DBP (di-n-butyl phthalate) DIDP (di-iso-decyl phthalate) BBP (butylbenzyl phthalate) DIOP (di-iso-octyl phthalate) DEP (di-ethyl phthalate) DCHP (di-cyclo-hexyl phthalate) DMCHP (di-methyl-cyclo-hexyl phthalate) DMEP (di-methoxy-ethyl phthalate)

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), diisononyl phthalate (DINP), dioctyl phthalate (DOP) and butyl benzyl phthalate (BBP), are not 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 polypropylene 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. 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 phthalate content no more than 25 parts per million.

To put these results in perspective, plastic materials that require phthalate plasticizers, referred to above, can have up to 500,000 parts per million (50%) of the phthalate plasticizer in them. Further testing with food simulants (per EC Directives 2002/72 and 97/48) has resulted in phthalates not detected at a sensitivity of 20 parts per billion (0.002 parts per million).

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

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 ether (PBDE) and Polybrominated Terphenyl (PBT)

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.

BADGE/NODGE/BFDGE

BADGE, NODGE and BFDGE are not used in the manufacture of or the formulation of this product.

Epoxy Resins - Directive 2002/16/EC

Epoxy resins are not used in the manufacture of or the formulation of this product.

Switzerland "VOC-LENKUNGSABGABE"

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

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 for Basell by:

GRAVIS

EMBALLAGE FLACONNAGE
VERRE ET PLASTIQUE
CAPSULES DÉCOR

CERTIFICAT D'ALIMENTARITE' POUR LES CONTENEURS EN VERRE

Ref: GRAVIS SA

Nous déclarons que les conteneurs en verre que nous fournissons sont complètement conformes aux lois courantes:

- Décret Ministériel 21 Mars 1973 et ajournements successifs ; en particulier :

  - Decret du 25 Janvier 1992 n° 108 - réalisation de la directive 89/109/CEE et amendements suivants et en particulier la directive 1935/2004/CEE ;
  - Decret du 23 Août 1982 n° 777 - réalisation de la directive 76/893/CEE
  - Decret du 3 Novembre 1998 n° 338 - réalisation de la directive 97/48/CEE

  - Décret de la Santé 26 Avril 1993 n° 220 - réalisation des directives 82/711/CEE, 85/572/CEE, 90/128/CEE, 92/39/CEE ;

  - Décret de la Santé 28 Octobre 1994 n° 735 - réalisation des directives 93/8/CEE, 93/9/CEE ;

  - Decret du 5 Février 1997 n° 22 - réalisation dc la directive 94/62/CEE
  - La directive 2001/171/CEE et ajournements successifs.

Nous déclarons que les conteneurs en verre que nous fournissons ne contiennent aucune substance dangereuse énumérée dans la directive 67/548/CEE, 76/769/CEE et dans les amendements suivants.

GRAVIS ANZIN S.A.
B.P. 19
59416 ANZIN

13/9/2013

GRAVIS ANZIN S.A.S.
Rue du Docteur Calmette BP 19 59416 ANZIN Tél. 03 27 28 22 00 Fax. 03 27 28 22 09
Capital Social de 300 000 €. RC Valenciennes Siren 399 349 026

GRAVIS

EMBALLAGE FLACONNAGE
VERRE ET PLASTIQUE
CAPSULES DÉCOR

CERTIFICAT DE CONFORMITE' POUR VERRE BLANC DE TYPE III

Ref: GRAVIS SA

Nous attestons que notre verre blanc type II et III est conforme aux caractéristiques chimiques spécifiées dans la Pharmacopée Européenne – VII éd., et dans la Pharmacopée des EtatsUnis USP XXXIV éd.

La composition de base, exprimée en pourcentage d'oxides, est la suivante:

SiO_2	%	69	-	73
Al_2O_3	%	1	-	3
CaO+MgO	%	9	-	13
B_2O_3	%	0	-	1
$Na_2O + K_2O$	%	12	-	14

GRAVIS ANZIN S.A.
B.P. 19
59416 ANZIN

13/9/2013

GRAVIS ANZIN S.A.S.
Rue du Docteur Calmette BP 19 59416 ANZIN Tél. 03 27 28 22 00 Fax. 03 27 28 22 09
Capital Social de 300 000 €. RC Valenciennes Siren 399 349 026

GRAVIS

EMBALLAGE FLACONNAGE
VERRE ET PLASTIQUE
CAPSULES DÉCOR

CERTIFICAT DE CONFORMITE' POUR VERRE JAUNE DE TYPE II ET III

Ref: **GRAVIS SA**

Nous certifions que nos conteneurs en verre jaune type II et III répondent aux caractéristiques chimiques spécifiées dans la Pharmacopée Européenne VII éd., et dans la Pharmacopée des Etats Unis (USP) XXXIV éd.

La composition de base exprimée en pourcentage d'oxides, est la suivante:

SiO_2	%	69	-	73
Al_2O_3	%	2	-	3
CaO+MgO	%	9	-	12
$Na_2O + K_2O$	%	13	-	15
Fe_2O_3	%	0.20	-	0.30
S	%	< 0.1		

Nous certifions en outre que la transmission de lumière rentre dans la limite spécifiée dans les susdites Pharmacopées (10 % dans l'intervalle entre 290 et 450 nm).
La couleur jaune est due aux composantes Fe_2O_3 et S.

GRAVIS ANZIN S.A.
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13/9/2013

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