
Rohmaterial (Thermoplast/Duroplast)

Raw material (thermoplastic/thermosetting plastic)

Artikelnummer (article number)	:	001012
Artikel (article)	:	PP Copolymer
Basismaterial (basic material)	:	Polypropylen
Füllstoff/Hilfsstoff (filler/auxiliary agent)	:	---
Dichte (density)	[g/cm ³]:	0,9
Schmelzindex (melt-flow-rate)	:	2,0 g/10min (230°C/2,16kg)
Streckspannung (tensile strength at yield)	[MPa]:	23
Härte (Ball indentation hardness (H358/30))	:	44 MPa
E-Modul (modulus of elasticity)	[MPa]:	1100
Temperaturbeständigkeit (temperature resistance)	[°C]:	60°/121° C (screwed/loose)

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Global Food Contact Status:

European Union

This product complies with the relevant requirements of Regulation 1935/2004/EC (Framework Regulation) as applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

This product complies with the relevant requirements of Regulation 2023/2006/EC (GMP), applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

This product complies with the relevant requirements of Regulation 10/2011/EC (PIM) as amended, applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

The monomers and additives used to produce this product are listed in the Union List of Authorized Substances of Regulation 10/2011/EC and subsequent amendments.

EU Regulation 10/2011/EC specifies 10 mg/dm² as the maximum overall migration (OML) from the finished plastic food contact material or article. The OML and SMLs (when applicable) should be determined according to the requirements specified in EU Regulation 10/2011/EC and subsequent amendments. The OML and SML determinations are the responsibility of the food packer / company placing the product on the market. In addition, we remind you that the packer / company placing the product on the market must verify that the finished material or article, manufactured according to good manufacturing practices, does not modify the organoleptic properties of the food.

SML Components

This product contains one or more components with Specific Migration Limits (SMLs).

39815; 9,9-bis(methoxymethyl)-9H-fluorene; SML = 0.05mg/kg

This product contains traces of a substance which is regulated with a specific migration limit in EU (Commission Regulation 10/2011; Annex II). Migration tests showed a migration level significantly below the SML, thus exceeding this SML under foreseeable conditions of use involving food contact is not expected.

SML = 1 mg/kg (expressed as Aluminium)

This product may contain minor trace levels of other metals, which are regulated with a specific migration limit in EU (Commission Regulation 10/2011 as amended; Annex II).

These metals are not intentionally added but may be present as impurity of the raw materials used. Migration tests on representative polyolefin samples showed a migration level below the SMLs, thus exceeding these SMLs under foreseeable conditions of use involving food contact is not reasonably expected.

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Annex IV, Part 6 – Genotoxicity

In accordance with the requirements of Regulation 10/2011/EC (PIM), Annex IV, part 6, this product does not contain genotoxic substances which would migrate from a final material at a level exceeding 0.15 ppb in food or food simulant

Dual Use Additives

This product contains one or more Dual Use Additives as defined in Regulation 10/2011/EC.

United States

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)3.2a.

This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, these substances used in this product meet the requirements of their respective FDA regulations, FCNs, 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.

China

GB4806.1-2016 - Food Contact Material & Articles General Safety Requirement

This product complies with relevant requirements of GB4806.1-2016 - Food Contact Material & Articles General Safety Requirement, as applicable to Plastic Resins.

GB31603-2015: General Hygiene Standard for Production of Food Contact Materials and Articles

The manufacturing process of this product complies with the relevant requirements of GB31603-2015, as applicable to polymer resin production.

GB4806.6-2016 - National Food Safety Standard: Food Contact Resins

The base resin in this product complies with the specifications established in GB4806.6-2016, "National Food Safety Standard: Food Contact Resins", Appendix A.1, Serial Number 29, resin type PP."

No monomer(s) with SMLs are present in this base resin.

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GB9685-2016 - National Food Safety Standard: Additives for use in Food Contact Materials and Articles

The additives used in this product comply with the requirement of "GB9685-2016 National Food Safety Standard: Additives for use in Food Contact Materials and Articles" and relevant approval announcements.

Additives with Max Residual (QM), Specific Migration Limit (SML) and/or Total Specific Migration Limit (SML (T)) are not intentionally used in this product.

This product may contain a component that triggers additional substances with QM or SML restrictions, however, these additional substances are not detectable in our supplier product.

General Remarks

GB4806.1-2016 "Food Contact Materials & Articles -General Safety Requirement" Clause 8.4, requires only the manufacturer of the finished plastic food contact article to declare compliance with OML specification.

Final plastic food contact articles may have additional compliance requirements and are the responsibility of the manufacturer of the finished plastic food article.

ANVISA

The base polymer of this product is listed in Annex II □□Positive List of Polymers and Resins for Plastic Packaging and Equipment in Contact with Foodstuff of Resolution No.: 56, 16 November 2012, as amended.

This product contains only additives listed in Resolution RDC No.: 326, December 3, 2019. However, this product contains one or more components with LMEs.

Allergen Statements

Allergen - Food Allergen European Regulation 1169/2011

The food ingredients listed in Annex II of Regulation (EU) No 1169/2011, are not used in the manufacture of or formulation of this product. However, this product has not been tested for these substances.

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Biomedical Policy

This product may not be used in:

(1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; or (2) applications involving permanent implantation into the body.

Prior written approval for each specific product and application must be given by our supplier before this product(s) is used in any:

(1) U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices; (2) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (3) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; or (4) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration

All references to the U.S. FDA, Health Canada and European Union regulations include all other country's equivalent regulatory classifications.

Animal Based Raw-Materials (BSE/TSE)

Tallow

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

Europe - BSE/TSE - "Mad Cow"

Tallow derived materials used in this product fulfill the requirements laid down in the Regulations 1069/2009/EC, and 142/2011/EC, and the "Note for Guidance EMA/410/01", and as amended.

Epoxy Derivatives

The materials BADGE, BFDGE or NOGE are not intentionally added in this product as referenced in Commission Regulation 1895/2005/EC, on the use of certain epoxy derivatives in materials and articles intended to come into contact with foodstuffs as plasticizers, additives or raw materials.

Conflict Minerals (Dodd-Frank Wall Street Reform and Consumer Protection Act - September, 2010)

The product complies with applicable laws and regulations related to Conflict Minerals.

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Halal Certification

Our supplier does not certify his resins to be HALAL or in compliance with HALAL requirements.

Kosher Certification

Our supplier does not certify his resins to be Kosher or in compliance with Kosher requirements.

Latex

No materials containing latex or natural rubber are used in the manufacturing, handling and packaging processes for this product.

Metals Content

US CONEG

Based on the available documentation provided by our raw material suppliers, this product complies with the CONEG Model Legislation for requirements regarding the defined limit for the sum of heavy metals (lead, mercury, cadmium and hexavalent chromium).

EU Packaging and Packaging Waste

Based on the available documentation from raw materials suppliers, this product complies with the directive 94/62/EC and its following amendments concerning the defined limit(s) of heavy metals.

Restriction of Hazardous Substances in Electric and Electronic Equipment (RoHS)

RoHS Regulation refers to electrical and electronic equipment and not specifically to plastic raw materials. However, based on the available documentation from raw materials suppliers, this product complies with the requirements of the Directives 2002/95/EC and 2011/65/EU, as amended, concerning the limits of cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl)phthalate (DEHP), butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP).

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GB/T 26572-2011 "Restricted Substances in Electronic and Electrical Products" - China RoHS

The RoHS Regulation refers to electronic and electrical equipment and not specifically to plastic raw materials. However, based on the available documentation from raw materials suppliers, this product complies with the requirements of the GB/T 26572-2011 "Restricted Substances in Electronic and Electrical Products" concerning the limits of cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE).

Nanomaterials

Nanomaterials (defined as natural, incidental or manufactured materials containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm) are not used in the manufacture of or the formulation of this grade. However, this product has not been tested for these chemical substances.

Other Chemicals

The chemical materials listed below are not used in the manufacture or the formulation of this product and are not expected to be present. However, this product has not been tested for these chemical materials.

2-(2H-1, 2, 3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol; (Benzotriazole); CAS# 3846-71-7;

2,4,4'-trichloro-2'-hydroxydiphenyl ether; (Triclosan); CAS# 3380-34-5;

2,4,6-Tri-tert-butylphenol; (2,4,6-TTBP); CASRN: 732-26-3

2-mercaptobenzothiazole; MBT; CAS# 149-30-4;

Acrolein; (propenal); (CAS# 107-02-8);

Acrylamide; CAS# 79-06-1;

Aromatic amines;

Asbestos;

Azo Dyes and Pigments;

Decabromodiphenylether; (DecaBDE); CAS 1163-19-5

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Polyaromatic Hydrocarbons - PAHs:

1,2-dihydro-acenaphthene; (CAS# 83-32-9);
Acenaphthylene; (CAS# 208-96-8);
Anthracene; (CAS# 120-12-7);
Benz(a)anthracene; (CAS# 56-55-3);
Benzo(a)pyrene; (CAS# 50-32-8);
Benzo(b)fluoranthene; (CAS# 205-99-2);
Benzo(e)pyrene; (CAS# 192-97-2);
Benzo(ghi)perylene; (CAS# 191-24-2);
Benzo(j)fluoranthene; (CAS# 205-82-3);
Benzo(k)fluoranthene; (CAS# 207-08-9);
Chrysene; (CAS# 218-01-9);
Dibenz(a,h)anthracene; (CAS# 53-70-3);
Fluoranthene; (CAS# 206-44-0);
Indeno(1,2,3-cd)pyrene; (CAS# 193-39-5);
Naphthalene; (CAS# 91-20-3);
Phenanthrene; (CAS# 85-01-8);
Pyrene; (CAS# 129-00-0);

Benzophenone; CAS RN 119-61-9;

Bisphenol A; (BPA); CAS# 80-05-7;

Bisphenol A diglycidyl ether; (BADGE); CAS# 1675-54-3;

Bisphenol F diglycidyl ether; BFDGE; CAS# 2095-03-6;

Butylated hydroxyanisole; (BHA); CAS# 121-00-6 & 25013-16-5;

Butylated hydroxytoluene; (BHT); CAS# 128-37-0

Chlorinated paraffins;

Cyanuric acid; (Isocyanuric Acid or CYA); CAS# 108-80-5;

Dimethyl fumarate; (DMF); CAS# 624-49-7;

Dioxins;

Epichlorohydrin; (ECH); CAS# 106-89-8;

Fluorocarbons;

Fluorotelomers

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Formaldehyde; CAS# 50-00-0;

Formaldehyde in specific conditions could be formed during the resin processing (see SDS)

Gold(Au); CAS# 7440-57-5;

Halogenated Flame Retardants

Hexachlorobutadiene; CASRN: 87-68-3

Melamine; (1,3,5-Triazine-2,4,6-triamine); CAS# 108-78-1;

Nitrosamines

Nonylphenol; CAS# 25154-52-3;

Nonylphenol ethoxylates;

Novolac glycidyl ether;

Organotin compounds;

Pentachlorothiophenol (PCTP); CASRN: 133-49-3

Perfluorochemicals; (PFCs);

Perfluorooctane sulfonate; (PFOS); CAS# 1763-23-1;

Perfluoroalkylated and Polyfluoroalkylated Substances; PFASs;

Perfluorooctanoic acid; (PFOA); CAS# 335-67-1;

Phenol, isopropylated phosphate (3:1); (PIP (3:1)); CASRN: 68937-41-7

Polybrominated biphenyls; (PBBs);

Polybrominated diphenyl ethers; (PDBEs);

Polybrominated terphenyls; (PBTs);

Polychlorinated biphenyls; (PCBs);

Polychlorinated naphthalenes; (PCNs);

Polychlorinated terphenyls; (PCTs);

Polystyrene;

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Polyvinyl chloride; (PVC); CAS# 9002-86-2;

Styrene monomer; CAS# 100-42-5

Sulphur dioxide; CAS# 7446-09-5;

Tin oxide (SnO₂); (Cassiterite); CAS# 8062-08-6;

Tris-nonylphenol phosphite; (TNPP); CAS# 26523-78-4;

Vinyl chloride monomer; CAS RN 75-01-4; VCM

Wolframite; Tungsten (W); CAS# 1332-08-7;

Ozone Depleting Substances

European Union

The ozone-depleting substances (ODS), listed in the Annexes I & II of the Regulation (EC) No 1005/2009 of 16 September 2009, are not intentionally used in the manufacture of or formulation of this product.

United States

Materials listed in the Clean Air Act Amendments of 1990 (Class I, CFC's and Class II, HCFC's, Halons and the solvents, carbon tetrachloride and 1,1,1-trichloroethane) are not intentionally used in the production of this product.

Phthalates

Phthalates are not used in the manufacture of or the formulation of this product. However, this product has not been tested for phthalates.

California Proposition 65

The material does not contain listed substances known to the State of California to cause cancer, birth defects, or other reproductive harm that would require a warning under the statute.

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Global Chemical Control Regulations

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

Land/Region	Bestandsliste	Statusbeschreibung
Australien	AICS	Erfüllt
Kanada	DSL	Erfüllt
China	IECSC	Erfüllt
Europa	REACH	Siehe Erklärung über die Einhaltung der REACH-Verordnung
Japan	ENCS	Erfüllt
Korea	KECI	Erfüllt
Neuseeland	NZIoC	Erfüllt
Philippinen	PICCS	Erfüllt
Vereinigte Staaten von Amerika	TSCA	Erfüllt
Taiwan	TCSCA	Erfüllt

VOC Content

Switzerland VOC Declaration

This product contains less than 3% VOC's of the substances in the positive lists of the Switzerland Regulations "VOC-LENKUNGSABGABE."

CEN Standard EN 13432:2004

This product is not suitable for composting.

Energy Recovery - CEN Standard EN 13431:2004

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

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MOAH / MOSH

The chemical materials listed below are not intentionally used in the manufacture or the formulation of this product. However, this product has not been tested for these chemical materials:

MOAH; Mineral Oil Aromatic Hydrocarbons

This product does contain the material(s) listed below.

MOSH - Mineral Oil Saturated Hydrocarbons

Note: Regarding the presence of MOSH (Mineral Oil Saturated Hydrocarbons) in this product, only white paraffinic mineral oils, which comply with the Regulation 10/2011/EC (on plastic materials intended to come into contact with food) with Ref. No. 95883, are used in the manufacture of and/or formulation of this product.

Additional information:

The information given in the attached declaration is based on our current knowledge, and is intended to provide information about our products. It should, therefore, not be construed as guaranteeing specific properties. The buyers or users are responsible for ensuring that the products they use, as supplied by us, comply with the specific requirements of their intended application. The foregoing declaration exclusively refers the recommended concentration mentioned in the technical data sheet.

This declaration supersedes all prior declarations.

Ausschluss

Die KISICO GmbH führt keine Untersuchungen durch zur Bestimmung

- alle zukünftigen Veränderungen des Produktes durch hinzugefügte Substanzen
- von Veränderungen des Produktes während der Verarbeitung (NIAS)
- des Migrationsverhalten des fertigen Produktes (Extraktions-Tests gem. den gültigen Bestimmungen) und des organoleptische Verhalten von verpackten Lebensmitteln.

Diese sind, wie in den entsprechenden Regularien vorgesehen, am Endartikel vorzunehmen und müssen vom Verpacker/Inverkehrbringer gegebenenfalls durchgeführt werden.

Die Spezifikation stellt keine Garantie über die Eigenschaften des Produktes dar. Bei Änderung einer der o.g. Richtlinien verliert die Spezifikation ihre Gültigkeit.

Alle Angaben basieren auf den Analysen und Informationen unserer Lieferanten!

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Exclusion

The KISICO GmbH does not carry out investigations to

- any future modification of the product whatever the nature of the added substances
- any processing likely to alter the product (NIAS)
- any checking of the inert nature of the finished product (extraction test according to the current regulations) and the non-modification of the organoleptic behaviour of the packed foodstuffs.

These are, how in the suitable regulations intended, to carry out in the final article and if necessary has to be done by the packager.

The specification does not guarantee the properties of the product.
Any change to an above-mentioned regulation will result in the specification losing its validity.

All information is based on the analyses and information of our suppliers!

Disclaimer

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information.

We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contain herein relates exclusively to our products when not used in conjunction with any third party materials.

Any change to an above-mentioned regulation will result in the specification losing its validity.