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Moplen RP398U

Polypropylene, Random Copolymer

Product Description

Moplen RP398U is a random copolymer for injection moulding with nucleation and antistatic additivation.

Moplen RP398U offers a high flowability and an excellent transparency and organoleptic performance.

The main application of *Moplen* RP398U is thin walled packaging with high transparency and high requirement in organoleptic properties.

Moplen RP398U has a superior aesthetic appearance and can be processed at significantly lower temperatures. *Moplen* RP398U enables energy savings and improved productivity due to reduced cycle times.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Methods	Injection Molding
Typical Customer Applications	Clear Containers, Housewares, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	71	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	30	MPa
Tensile Strain at Break	ISO 527-1, -2	> 50	%
Tensile Strain at Yield	ISO 527-1, -2	14	%
Flexural modulus	ISO 178	1030	MPa
Impact			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A)		5.0	kJ/m²
(0 °C, Type 1, Edgewise, Notch A)		1.5	kJ/m²
Optical			
Haze (1 mm)	ASTM D 1003	11	%

Notes

Typical properties; not to be construed as specifications.

LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP

Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT.

This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) 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; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Safety Data Sheet before handling the product.

Release Date: 01 Jul 2015