Moplen EP229S

Polypropylene, Impact Copolymer

Product Description

Moplen EP229S is a polypropylene copolymer. With its low neck-in and high flow, this product is potentially suitable for high speed coating and lamination applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Features	Copolymer, High Flow , Low Neck-In
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	32	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1000	MPa
Tensile Strength @ Yield	ASTM D 638	26	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	16	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	83	°C

Notes

Typical properties; not to be construed as specifications.

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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/.

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This product(s) may not be used in:

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(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 Material Safety Data Sheet before handling the product.

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