Moplen EP380T

Polypropylene, Impact Copolymer

Product Description

Moplen EP380T is polypropylene impact copolymer. With its high flow, excellent dimensional stability, and superior balance of stiffness and impact, this grades is especially suitable for injection molding. Potential end use applications include washing machine tubs, other electrical appliance parts, automotive parts, food packaging and housewares.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, Good Dimensional Stability, High Flow , Low Temperature Impact Resistance
Typical Customer Applications	Housewares, Opaque Containers, Washing

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	44	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1150	MPa
Tensile Strength @ Yield	ASTM D 638	24	MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	62	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	90	°C

Notes

Typical properties; not to be construed as specifications.

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

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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.

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equivalent regulatory classification.

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

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