Technical Data Sheet

Moplen EP400L

Polypropylene, Impact Copolymer

Product Description

Moplen EP400L is a polypropylene impact copolymer resin, with improved impact stiffness balance and good dimensional stability. Typical customer applications are industrial containers, pails and crates, motorcyle parts, electrical appliances, and toys.

Regulatory Status

For regulatory compliance information, see *Moplen* EP400L Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Crates; Furniture; Housewares; Opaque Containers; Small Appliances; Sports, Leisure & Toys
Market	Consumer Products; Electrical / Electronics; Industrial Packaging; Rigid Packaging
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Impact Resistance; Good Stiffness; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1220	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	132	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	88	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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