Technical Data Sheet

Moplen EP300H

Polypropylene, Impact Copolymer

Product Description

Moplen EP300H is a polypropylene impact copolymer resin with good cold impact resistance and good dimensional stability. Typical customer applications are corrugated board extrusion, stational sheets, blow molded bottles, injection molded crates, pails and lids.

Regulatory Status

For regulatory compliance information, see *Moplen* EP300H Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Bottles For Consumer Goods; Bottles for Industrial Use; Corrugated Sheet; Crates; Panels & Profiles; Stationery Film
Market	Consumer Products; Industrial Packaging; Rigid Packaging
Processing Method	Extrusion Blow Molding; Injection Molding; Sheet
Attribute	Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	1.8	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1150	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	No Break		ASTM D256
Thermal			
Deflection Temperature Under Load	88	°C	ASTM D648

Manufacturer website: https://www.hmcpolymers.com/

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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