

Technical Data Sheet



Moplen EP300H B

Polypropylene, Impact Copolymer

Product Description

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

Regulatory Status

For regulatory compliance information, see Moplen EP300H B [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Battery Cases; Bottles For Consumer Goods; Bottles for Industrial Use; Containers; 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	ISO 1133-1
Mechanical			
Flexural Modulus	1100	MPa	ISO 178
Tensile Stress at Yield	24	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ISO 180
(-20 °C)	7	kJ/m ²	ISO 180
Thermal			
Vicat Softening Temperature, (A50)	151	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2



Notes

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

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

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

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