Technical Data Sheet

Moplen HP400M

Polypropylene, Homopolymer

Product Description

Moplen HP400M is a general purpose polypropylene homopolymer resin, with good processability, and low odor transfer. Typical customer applications are closures, housewares, toys, and containers.

Regulatory Status

For regulatory compliance information, see *Moplen* HP400M Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Caps & Closures; Food Packaging Film; Housewares; Lamination Film; Opaque Containers; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Cast Film; Injection Molding
Attribute	General Purpose; Good Strength; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7.5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1450	MPa	ASTM D790
Tensile Strength at Yield	34	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	27	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	96	°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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