Technical Data Sheet

Moplen HP520M

Polypropylene, Homopolymer

Product Description

Moplen HP520M is a polyproylene homopolymer resin, with good optical properties, low gels and good stiffness for films, and excellent compatibility with multi-layer film constructions. Typical customer applications are core layer for co-extrusion cast films, and ribon tape extrusion.

Regulatory Status

For regulatory compliance information, see *Moplen* HP520M Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Food Packaging Film; Lamination Film
Market	Consumer Products; Flexible Packaging
Processing Method	Cast Film
Attribute	Good Optical Properties; Good Stiffness; Low Gel

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	28	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	105	°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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