Technical Data Sheet

Moplen HP521M

Polypropylene, Homopolymer

Product Description

Moplen HP521M is a polypropylene homopolymer manufactured with good optical properties, good stiffnes, and good processability. Typical customer applications include general purpose and metallizable cast film, as well as food and clothes packaging.

Regulatory Status

For regulatory compliance information, see *Moplen* HP521M 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; Textile Packaging Film
Market	Flexible Packaging
Processing Method	Cast Film
Attribute	Good Processability; Good Stiffness; Homopolymer

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	1600	MPa	ASTM D790
Tensile Strength at Yield	36	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	100		ASTM D785
Thermal			
Vicat Softening Point	155	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm²)	110	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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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