

Technical Data Sheet

Moplen HP600J



Polypropylene, Homopolymer

Product Description

Moplen HP600J is a high stiffness, high purity polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP) for dielectric applications.

Regulatory Status

For regulatory compliance information, see Moplen HP600J [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe; North America; South & Central America
Application	Barrier Film; Food Packaging Film
Market	Flexible Packaging
Processing Method	BOPP
Attribute	Good Dimensional Stability; High Gloss; High Purity; High Stiffness; Homopolymer; Low Catalyst Residuals

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1700	MPa	ASTM D790
Tensile Strength at Yield	36	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	31	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	103	°C	ASTM D648

Notes

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

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

Company Information

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

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