

Technical Data Sheet



Moplen HP550J B

Polypropylene, Homopolymer

Product Description

Moplen HP550J B is a medium flow homopolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package. Moplen HP550J B is designed for the production of films that can be converted into stretched tapes for weaving applications.

Regulatory Status

For regulatory compliance information, see Moplen HP550J B [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Raffia/Tapes/Strapping
Market	Flexible Packaging
Processing Method	Tapes & Raffia
Attribute	Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.2	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1400	MPa	ISO 527-1, -2
Tensile Stress at Yield	33	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	4	kJ/m ²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	75		ISO 868
Thermal			
Vicat Softening Temperature	155	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	90	°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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