Technical Data Sheet

Moplen HP550J

Polypropylene, Homopolymer

Product Description

LyondellBasell Australia's Polypropylene grade *Moplen* HP550J is a medium flow homopolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package. *Moplen* HP550J 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 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific; Australia and New Zealand
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)	3.0	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1500	MPa	ISO 178
Tensile Stress at Yield	33	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	5	kJ/m²	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.

Company Information

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

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