

Technical Data Sheet

Moplen HP550J B



Polypropylene, Homopolymer

Product Description

LyondellBasell Polypropylene grade *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	China
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
Mechanical			
Tensile Modulus	1400	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	155	°C	ISO 306

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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