

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.

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