

Technical Data Sheet

Moplen HP325M



Polypropylene, Homopolymer

Product Description

LyondellBasell Australia's Polypropylene grade *Moplen* HP325M is a medium flow polypropylene homopolymer with a modified molecular weight distribution and is formulated with slip and anti-block package. *Moplen* HP325M is designed for the production of cast films. Typically films made from *Moplen* HP325M include high quality cast films for packaging food and other items.

Application	Food Packaging Film; Stationery Film
Market	Flexible Packaging
Processing Method	Cast Film
Attribute	Homopolymer; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1250	MPa	ISO 178
Tensile Stress at Yield	31	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	3	kJ/m ²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	73		ISO 868
Thermal			
Vicat Softening Temperature	152	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	82	°C	ISO 75B-1, -2