

# Moplen HP525J

Polypropylene Homopolymer

PolyMirae

Message:

Polypropylene Homopolymer Resin for BOPP film

Features:

Excellent processability with stable thickness control

Good barrier film properties

Metallisable

Good optical properties

Applications:

High speed tenter-process BOPP

Metallisable BOPP film

Cigarette film

General Information			
Features	Optical		
	Homopolymer		
	Workability, good		
	Barrier resin		
Uses	Bi-axially Oriented Film		
	Packaging		
	Films		
Processing Method	Film extrusion		
	Drawing Machine processing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.0	°C	ASTM D648

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