

Technical Data Sheet

Moplen RP225N

Polypropylene, Random Copolymer



Product Description

Polypropylene random copolymer resin for skin-layer of co-extrusion.

Application Food Packaging Film; Multi Media Packaging; Stationery Film

Market Consumer Products; Flexible Packaging

Processing Method Cast Film

Attribute Heat Sealable; High Clarity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	880	MPa	ASTM D790
Tensile Strength at Yield	26	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	40	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	84	°C	ASTM D648