

Technical Data Sheet

Moplen HP600J



Polypropylene, Homopolymer

Product Description

Moplen HP600J is a high stiffness, high purity polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP) for dielectric applications.

Application	Barrier Film; Food Packaging Film
Market	Flexible Packaging
Processing Method	BOPP
Attribute	Good Dimensional Stability; High Gloss; High Purity; High Stiffness; Homopolymer; Low Catalyst Residuals

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1700	MPa	ASTM D790
Tensile Strength at Yield	36	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	31	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	103	°C	ASTM D648