

Moplen HP420J

Polypropylene Homopolymer

PolyMirae

Message:

Moplen HP420J is a polypropylene homopolymer manufactured using the Spheripol process. It is particularly suitable for BOPP, with potential end use applications in general purpose packaging, lamination film and adhesive tape.

General Information			
Features	Rigid, good		
	Highlight		
	Homopolymer		
	Workability, good		
	Good stretchability		
	Definition, high		
Uses	Packaging		
	Films		
	Laminate		
	Strap		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648

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