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Technical Data Sheet

Polyfort POLYPROPYLENE PP 1467-01

Polypropylene, Impact Copolymer

Product Description

PP 1467 is a natural high flow, medium impact polypropylene that is suitable for molding thin parts with long mold flow distances. It permits the reduction of injection temperatures and pressures and minimizes stress in molding. This material meets FDA Regulation 21 CFR 177.1520, for all food contact applications.

Processing Method	Compounding; Injection Molding
Attribute	Food Contact Acceptable; High Flow; Impact Copolymer; Medium Impact Resistance
Forms	Pellets
Appearance	Natural Color
Application	Thin-walled Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17 to 23	g/10 min	ASTM D1238
Density - Specific Gravity	0.902	g/cm³	ASTM D792
Yellowness Index	-5.5 to -3.5		ASTM D1925
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	21	MPa	ASTM D638
Flexural Modulus, (Tangent)	1000 to 1140	MPa	ASTM D790
Impact			
Gardner Impact, (No Standard)	13.6	J	ASTM D3029
Unnotched Izod Impact	1100	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	110	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	50	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	90	°C	ASTM D648