Technical Data Sheet

Polyfort POLYPROPYLENE PP 1692-01

Polypropylene, Impact Copolymer

Product Description

Polyfort PP 1692 is an exceptional high impact copolymer with high flow for appearance parts. This material is available in Natural.

Processing Method	Compounding; Injection Molding
Attribute	High Flow; High Impact Resistance; Impact Copolymer
Forms	Pellets
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (3.20 mm, Injection Molded)	6.0	%	ASTM D638
Tensile Strength at Yield, (51 mm/min, 3.20 mm, Injection Molded)	24.2	MPa	ASTM D638
Flexural Modulus, (3.20 mm, Injection Molded, 1% Secant)	1100	MPa	ASTM D790
Impact			
Gardner Impact, (-30 °C)	24.7	J	ASTM D3029
Notched Izod Impact, (23 °C, 3.20 mm, Injection Molded)	>530	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	105	°C	ASTM D648