

Technical Data Sheet

Polyfort PP 1349-31 10 BLACK



Polypropylene, Impact Copolymer

Product Description

PP 1349 is a medium impact copolymer polypropylene.

Processing Method	Injection Molding
Attribute	Impact Copolymer; Medium Impact Resistance
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.0 to 12	g/10 min	ASTM D1238
Density - Specific Gravity	0.912	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	28.5	MPa	ASTM D638
Flexural Modulus	1130	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	40	%	ASTM D638
Impact			
Gardner Impact, (-30 °C)	8.00	J	ASTM D3029
Unnotched Izod Impact	No Break		ASTM D4812
Notched Izod Impact	130	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	80		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	87	°C	ASTM D648