

Technical Data Sheet

Polyfort POLYPROPYLENE PP 3480-01



Polypropylene, Impact Copolymer

Product Description

PP 3480 is a high flow, medium impact copolymer polypropylene suitable for injection molding applications which require a material with the following properties.

Processing Method	Injection Molding
Attribute	High Flow; Impact Copolymer; Medium Impact Resistance
Application	Automotive Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (23 °C)	6.0	%	ASTM D638
Tensile Strength at Yield, (23 °C)	21.0	MPa	ASTM D638
Flexural Modulus, (23 °C)	1210	MPa	ASTM D790
Flexural Strength, (23 °C)	25.0	MPa	ASTM D790
Impact			
Unnotched Izod Impact, (-30 °C)	No Break		ASTM D4812
Notched Izod Impact, (23 °C)	110	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	85		ASTM D785