

Technical Data Sheet

Polyfort POLYPROPYLENE PP 2175-01



Polypropylene Copolymer

Product Description

PP 2175 is a high flow copolymer polypropylene suitable for parts which require a material with the following properties. It is compared below to Toyota TSM 5514G-2 A/B testing requirements.

Processing Method	Injection Molding
Attribute	Copolymer; High Flow
Forms	Pellets

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	0.903	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	24	MPa	ASTM D638
Flexural Modulus	1140	MPa	ASTM D790
Tensile Elongation at Break	>200	%	ASTM D638
Impact			
Notched Izod Impact	75	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	85		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	108	°C	ASTM D648