

Technical Data Sheet

Polyfort CP0436G40CL NATURAL



Polypropylene Copolymer

Product Description

Polyfort CP0436G40CL NATURAL is a Polypropylene Copolymer Glass Fiber, 40% filled material.

Forms Pellets
Filler/Reinforcement Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.2	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	6	%	ASTM D638
Tensile Strength at Yield	58	MPa	ASTM D638
Tensile Strength at Break	57	MPa	ASTM D638
Flexural Modulus	5700	MPa	ASTM D790
Tensile Elongation at Break	9	%	ASTM D638
Tensile Modulus	4000	MPa	ASTM D638
Flexural Strength	88	MPa	ASTM D790
Impact			
Notched Izod Impact	210	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	91		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	139	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	158	°C	ASTM D648