

Technical Data Sheet

Polyfort CP0437G30CL A14475 BLACK



Polypropylene Copolymer

Product Description

Polyfort CP0437G30CL A14475 BLACK is a Polypropylene Copolymer Glass Fiber, 30% filled material.

Forms Pellets
Filler/Reinforcement Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.1	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	5	%	ASTM D638
Tensile Strength at Yield	50	MPa	ASTM D638
Tensile Strength at Break	48	MPa	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Tensile Elongation at Break	8	%	ASTM D638
Tensile Modulus	3400	MPa	ASTM D638
Flexural Strength	70	MPa	ASTM D790
Impact			
Notched Izod Impact	160	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	81		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	130	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	155	°C	ASTM D648