

Technical Data Sheet

Polyfort HPP333G25CUVD1A15433GRY



Polypropylene, Homopolymer

Product Description

Polyfort HPP333G25CUVD1A15433GRY is a Polypropylene Homopolymer Glass Fiber, 25% filled material. Features include: Chemically Coupled.

Attribute	Chemically Coupled
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 25%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density - Specific Gravity	1.08	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	57	MPa	ASTM D638
Flexural Modulus	4000	MPa	ASTM D790
Tensile Elongation at Break	<7.0	%	ASTM D638
Tensile Modulus	2600	MPa	ASTM D638
Flexural Strength	89	MPa	ASTM D790
Impact			
Notched Izod Impact	54	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	107		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	140	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648