

Technical Data Sheet

**Polyfort HPP333G25CUVD1A15433GRY**



Polypropylene, Homopolymer

**Product Description**

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

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density - Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact	54	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	107		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	140	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648