

Technical Data Sheet

Polyfort HPP333G25CUVD1A15433GRY



Polypropylene, Homopolymer

Product Description

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

Regulatory Status

For regulatory compliance information, see HPP333G25CUVD1A15433GRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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