



# Polyfort HPP333G25CUVD1A15433GRY

LyondellBasell Industries - Polypropylene Homopolymer

## General Information

### Product Description

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

### General

Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight
Features	• Chemically Coupled
Forms	• Pellets

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.08		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	377000	psi	ASTM D638
Tensile Strength (Yield)	8270	psi	ASTM D638
Tensile Elongation (Break)	< 7.0	%	ASTM D638
Flexural Modulus	580000	psi	ASTM D790
Flexural Strength	12900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	315	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	284	°F	ASTM D648