

# Polyfort APP30GP06GY-GY GAPEXGRY

LyondellBasell Industries - Polypropylene Homopolymer

## General Information

### Product Description

Polyfort APP30GP06GY-GY GAPEXGRY is a Polypropylene Homopolymer Glass Fiber/Mineral, 30% filled material. Features include: Homopolymer.

### General

Filler / Reinforcement	• Glass Fiber/Mineral, 30% Filler by Weight
Features	• Homopolymer
Forms	• Pellets

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.11		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	6400	psi	ASTM D638
Tensile Elongation (Break, 73°F)	5.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F	467000	psi	
Tangent : 73°F	509000	psi	
Flexural Strength (Yield, 73°F)	9200	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.69	ft·lb/in	ASTM D256
Unnotched Izod Impact (73°F)	6.7	ft·lb/in	ASTM D4812
Gardner Impact	20.0	in·lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	309	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	270	°F	ASTM D648