

Polyfort APP30GP04BK-BK GAPEXBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Polyfort APP30GP04BK-BK GAPEXBLK is a Polypropylene Homopolymer Glass Fiber\Mineral, 30% filled material.

General

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|------------------------|---|
| Filler / Reinforcement | • Glass Fiber\Mineral, 30% Filler by Weight |
| Forms | • Pellets |

Properties¹

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 (73°F)	7190	psi	ASTM D638
Tensile Elongation (Break, 73°F)	4.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F	476000	psi	
Tangent : 73°F	508000	psi	
Flexural Strength (73°F)	10100	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.81	ft-lb/in	ASTM D256
Unnotched Izod Impact (73°F)	3.9	ft-lb/in	ASTM D4812
Gardner Impact (73°F)	2.00	in-lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	311	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	277	°F	ASTM D648