

Polyfort SPP1A30HBBKBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

10% Talc/20% Glass Reinforced, Chemically Coupled, Heat Stabilized Homopolymer Polypropylene

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.14		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, 73°F)	9500	psi	ASTM D638
Flexural Modulus - Tangent ³ 73°F, Injection Molded, 2.00 in Span	680000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.3	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	289	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type I, 2.0 in/min

³ 0.051 in/min