

Polyfort RPP05EU85NA-NA GAPEXNAT

LyondellBasell Industries - Polypropylene

General Information

Product Description

Polyfort RPP05EU85NA-NA GAPEXNAT is a Polypropylene, Unspecified Glass Fiber, 5.0% filled material. Features include: Chemically Coupled, and Heat Stabilized.

General

Filler / Reinforcement	• Glass Fiber, 5.0% Filler by Weight
Additive	• Heat Stabilizer
Features	• Chemically Coupled • Heat Stabilized
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.960		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	6000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	5.5	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F	290000	psi	
Tangent : 73°F	300000	psi	
Flexural Strength (73°F)	9090	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.8	ft-lb/in	ASTM D256
Unnotched Izod Impact (73°F)	8.4	ft-lb/in	ASTM D4812
Gardner Impact (73°F)	8.50	in-lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	300	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	225	°F	ASTM D648