



Polyfort J-68/20/E/SD/HM NATLNAT

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

Polyfort J-68/20/E/SD/HM NATLNAT is a Polypropylene Copolymer Glass Fiber, 20% filled material. Features include: Chemically Coupled, and Copolymer.

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Antistatic
Features	• Antistatic • Chemically Coupled • Copolymer
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	435000	psi	ASTM D638
Tensile Strength (73°F)	7250	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	4.0	%	ASTM D638
Flexural Modulus - Tangent (73°F)	479000	psi	ASTM D790
Flexural Strength (73°F)	10200	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	3.6	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	277	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	264	°F	ASTM D648