

Polyfort J-60/40/E BK223

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Polyfort J-60/40/E BK223 is a Polypropylene Homopolymer Glass Fiber, 40% filled material. Features include: Chemically Coupled, and Homopolymer.

General

Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Features	• Chemically Coupled • Homopolymer
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (73°F)	13800	psi	ISO 527-2
Flexural Modulus (73°F)	870000	psi	ISO 178
Flexural Stress (73°F)	21000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	6.2	ft·lb/in ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	315	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	306	°F	ASTM D648