

Polyfort J-60/20/E BK223BLK

LyondellBasell Industries - Polypropylene

General Information

Product Description

J-60/20/E BK223 is a 20% Glass-Reinforced, Chemically Coupled Polypropylene

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled
Appearance	• Black
Forms	• Pellets

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	9720	psi	ASTM D638
Flexural Modulus - Tangent (73°F)	493000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.4	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	311	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	171	°F
Drying Time	2.0	hr
Suggested Max Moisture	0.20	%
Rear Temperature	390 to 410	°F
Middle Temperature	399 to 441	°F
Front Temperature	360 to 390	°F
Nozzle Temperature	360 to 379	°F
Processing (Melt) Temp	390 to 450	°F
Mold Temperature	90 to 160	°F
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 99.9	psi