

Technical Data Sheet

Polyfort J-60/20/E BK223BLK

Polypropylene, Unspecified (PP, Unspecified)

Product Description

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

Attribute	Chemically Coupled
Forms	Pellets
Appearance	Black
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7.5	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	67.0	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	3400	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	77	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	155	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2	hr
Drying Temperature	77	°C
Suggested Max Moisture	0.2	%
Nozzle Temperature	182 to 193	°C
Processing (Melt) Temp	199 to 232	°C
Front Temperature	182 to 199	°C
Middle Temperature	204 to 227	°C
Rear Temperature	199 to 210	°C
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 0.689	MPa
Mold Temperature	32 to 71	°C