

Technical Data Sheet

Polyfort J-68/20/E NATLNAT



Polypropylene Copolymer

Product Description

J-68/20/E is a 20% Glass-Reinforced, Chemically Coupled Polypropylene Copolymer

Attribute Chemically Coupled; Copolymer

Forms Pellets

Filler/Reinforcement Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	55.0	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	3380	MPa	ASTM D790
Tensile Elongation at Break	4	%	ASTM D638
Flexural Strength, (23 °C)	78.0	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	210	J/m	ASTM D256

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