



Polyfort J-68/20/E GY9906 GRAPHTE

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

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

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.03		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	7980	psi	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus - Tangent (73°F)	490000	psi	ASTM D790
Flexural Strength (73°F)	11300	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	3.9	ft-lb/in	ASTM D256

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