

Technical Data Sheet

Polyfort J-68/20/E/SD/HM NATLNAT



Polypropylene Copolymer

Product Description

Polyfort J-68/20/E/SD/HM NATLNAT is a Polypropylene Copolymer Glass Fiber, 20% filled material. Features include: Chemically Coupled, and Copolymer.

Attribute	Chemically Coupled; Copolymer
Forms	Pellets
Additive	Antistatic
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	50.0	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	4.0	%	ASTM D638
Flexural Modulus, (23 °C, Tangent)	3300	MPa	ASTM D790
Tensile Modulus, (23 °C)	3000	MPa	ASTM D638
Flexural Strength, (23 °C)	70.0	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	190	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	90		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	129	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	136	°C	ASTM D648
Additional Information			
Water Absorption at 24 hrs	0.02	%	ASTM D570