

Technical Data Sheet

Polyfort RPP30EB63BK-BK GAPEXBLK



Polypropylene, Homopolymer

Product Description

RPP30EB63 GAPEX is a 30% Glass-Reinforced, Chemically Coupled Polypropylene

Processing Method	Injection Molding
Attribute	Chemically Coupled
Forms	Pellets
Appearance	Colors Available
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical			
Tensile Stress at Yield	76.2	MPa	ISO 527-2
Flexural Modulus, (Chord)	6270	MPa	ISO 178
Impact			
Notched Izod Impact Strength	7.8	kJ/m ²	ISO 180

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	71 to 82	°C
Nozzle Temperature	232 to 260	°C
Processing (Melt) Temp	221 to 238	°C
Front Temperature	232 to 260	°C
Middle Temperature	227 to 243	°C
Rear Temperature	221 to 238	°C
Injection Rate	Slow-Moderate	
Back Pressure	0.138 to 0.345	MPa
Mold Temperature	38 to 66	°C
Cushion	5.08 to 12.7	mm