



Polyfort RPP30EB63BK-BK GAPEXBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

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

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Chemically Coupled
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	11100	psi	ISO 527-2
Flexural Modulus - Chord	909000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	3.7	ft-lb/in ²	ISO 180

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	160 to 180	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	430 to 460	°F
Middle Temperature	441 to 469	°F
Front Temperature	450 to 500	°F
Nozzle Temperature	450 to 500	°F
Processing (Melt) Temp	430 to 460	°F
Mold Temperature	100 to 151	°F
Injection Rate	Slow-Moderate	
Back Pressure	20.0 to 50.0	psi
Cushion	0.200 to 0.500	in