

Polyfort RPP30EB56BK-BK GAPEXBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Polyfort RPP30EB56BK-BK GAPEXBLK is a Polypropylene Homopolymer material. Features include: Chemically Coupled, and Heat Stabilized.

General

Additive	• Heat Stabilizer	• Heat Stabilizer
Features	• Chemically Coupled	• Heat Stabilized
Appearance	• Black	
Forms	• Pellets	

Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	10400	psi	ISO 527-2
Flexural Modulus (73°F)	725000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°F	2.3	ft-lb/in ²	
73°F	3.2	ft-lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	311	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	288	°F	ISO 75-2/A

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