

Polyfort CPP5A20HBBK19BLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

CPP5A20HBBK is a 20% Calcium Carbonate Filled, Impact Modified Polypropylene Homopolymer

General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Homopolymer • Impact Modified
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	2780	psi	ASTM D638
Flexural Modulus (73°F)	187000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	13	ft·lb/in	ASTM D256
Gardner Impact (73°F, 0.125 in)	174	in·lb	ASTM D5420

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	370 to 450	°F
Middle Temperature	370 to 450	°F
Front Temperature	370 to 450	°F
Processing (Melt) Temp	390 to 450	°F
Mold Temperature	70 to 120	°F
Injection Rate	Moderate	
Back Pressure	20.0 to 300	psi
Cushion	0.250 to 0.500	in