

# Polyfort CPP5C25HFBKBLK

## LyondellBasell Industries - Polypropylene Impact Copolymer

### General Information

#### Product Description

Polyfort CPP5C25HFBKBLK is a Polypropylene Impact Copolymer Calcium Carbonate, 25% filled material and is typically used in Injection Molding applications. Features include: Good Flow, and Good Impact Resistance.

#### General

Filler / Reinforcement	• Calcium Carbonate, 25% Filler by Weight
Features	• Good Flow • Good Impact Resistance
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.10		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2490	psi	ASTM D638
Flexural Modulus (73°F)	173000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	12	ft-lb/in	ASTM D256
Gardner Impact	158	in-lb	ASTM D5420

### Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Injection Rate	Moderate-Fast	