

Polyfort CPP5C25UVWHWHI

LyondellBasell Industries - Polypropylene Impact Copolymer

General Information

Product Description

25% CaCO₃ filled, UV Stabilized Polypropylene

General

Filler / Reinforcement	• Calcium Carbonate, 25% Filler by Weight
Additive	• UV Stabilizer
Features	• Good Flow • Good Impact Resistance • UV Stabilized
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	2700	psi	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus (73°F)	251000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	12	ft-lb/in	ASTM D256

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	