

Polyfort CPP2B40UVYL52YEW

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

CPP2B40 is a 40% Calcium Carbonate Filled Polypropylene Copolymer

General

Filler / Reinforcement	• Calcium Carbonate, 40% Filler by Weight
Features	• Copolymer
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3050	psi	ASTM D638
Tensile Elongation (Yield, 73°F, 0.125 in)	7.0	%	ASTM D638
Flexural Modulus (73°F)	379000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.4	ft-lb/in	ASTM D256
Gardner Impact (73°F)	172	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