

Polyfort SPP1A35CCBKBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Polyfort SPP1A35CCBKBLK is a Polypropylene Homopolymer Glass Fiber\Talc, 35% filled material and is typically used in Injection Molding applications. Features include: Chemically Coupled, and Homopolymer.

General

Filler / Reinforcement	• Glass Fiber\Talc, 35% Filler by Weight
Features	• Chemically Coupled • Homopolymer
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10500	psi	ASTM D638
Flexural Modulus - Tangent	790000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	1.3	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	351 to 430	°F
Middle Temperature	351 to 430	°F
Front Temperature	351 to 430	°F
Processing (Melt) Temp	390 to 441	°F
Mold Temperature	70 to 120	°F
Injection Rate	Moderate	
Back Pressure	20.0 to 300	psi
Cushion	0.250 to 0.500	in