

Technical Data Sheet

Polyfort SPP1A35CCBKBLK



Polypropylene Copolymer

Product Description

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

Processing Method	Injection Molding
Attribute	Chemically Coupled; Copolymer
Forms	Pellets
Appearance	Black
Filler/Reinforcement	Glass Fiber/Talc, 35%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.18	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	72.4	MPa	ASTM D638
Flexural Modulus, (Tangent)	5450	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	69	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82 to 104	°C
Processing (Melt) Temp	199 to 227	°C
Front Temperature	177 to 221	°C
Middle Temperature	177 to 221	°C
Rear Temperature	177 to 221	°C
Injection Rate	Moderate	
Back Pressure	0.138 to 2.07	MPa
Mold Temperature	21 to 49	°C
Cushion	6.35 to 12.7	mm