Spartech Polycom SC5-3230

Polypropylene Homopolymer

Spartech Polycom

Message:

Spartech SC5-3230 is a medium viscosity PP homopolymer resin for injection molding that features 30% glass fiber reinforcement. It is heat stabilized and lubricated for good processing characteristics.
Polypropylene is a versatile thermoplastic offering a useful balance of heat and chemical resistance, good mechanical and electrical properties and processing ease. PP is resistant to deformation at elevated temperatures, has good clarity and is resistant to impact at low temperatures.
A very versatile product for a wide variety of applications, Spartech SC5-3230 is recommended for industrial, transportation, sporting goods and electrical/electronic applications.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	heat stabilizer Lubricant		
Features	Homopolymer Workability, good Good electrical performance Low temperature impact resistance Good chemical resistance Heat resistance, high Definition, high Thermal Stability Thermal stability, good Lubrication Medium viscosity		
Uses	Electrical/Electronic Applications Industrial application Application in Automobile Field Sporting goods		
Appearance	Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.09	g/cm^3	ASTM D792
Melt Mass-Flow Rate (MFR)	7.5	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**

Tensile Strength (23°C)	48.3	MPa	ASTM D638
Flexural Modulus (23°C)	3790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Additional Information			
Melt Flow Rate, ASTM D1238: 5-10 g/10 min			
Injection	Nominal Value	Unit	
Drying Temperature	90.6	°C	
Drying Time	1.0	hr	
Rear Temperature	216 - 227	°C	
Middle Temperature	221 - 232	°C	
Front Temperature	227 - 238	°C	
Nozzle Temperature	232 - 243	°C	
Processing (Melt) Temp	204 - 260	°C	
Mold Temperature	26.7 - 37.8	°C	

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Recommended distributors for this material

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