

Sinpolene GPP5620/8

Compounded Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene GPP5620/8 is a Compounded Polypropylene material filled with 20% glass fiber. It is available in Asia Pacific for injection molding.

Important attributes of Sinpolene GPP5620/8 are:

RoHS Compliant

Good Dimensional Stability

Heat Resistant

Impact Resistant

Rigid

Typical application of Sinpolene GPP5620/8: Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	High Heat Resistance		
	Medium Rigidity		
Uses	Electrical Parts		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Across Flow	0.55	%	
Flow	0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	83.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	4500	MPa	ASTM D790
Flexural Stress	94.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			ASTM D648
0.45 MPa, Unannealed	156	°C	
1.8 MPa, Unannealed	142	°C	

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Recommended distributors for this material

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