

Sinpolene GPP5625

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINPOLENE GPP5625 is a polypropylene material, and the filler is 25% glass fiber reinforced material. This product is available in Africa and the Middle East, Latin America or Asia Pacific. The processing method is injection molding.

The main features of the SINPOLENE GPP5625 are:

Hard

Good dimensional stability

Impact resistance

Heat resistance

Typical application areas include:

House

Furniture

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good dimensional stability		
	Impact resistance, good		
	Heat resistance, high		
	Medium hardness		
Uses	Furniture		
	Application in Automobile Field		
	Shell		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.50	%	ASTM D955
Transverse flow	0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4600	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	158	°C	ASTM D648

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Recommended distributors for this material

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