

Sinpolene GPP1615/2

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene GPP1615/2 is a Polypropylene material filled with 30% glass\mineral. It is available in Africa & Middle East, Asia Pacific, or Latin America for injection molding.

Important attributes of Sinpolene GPP1615/2 are:

Good Dimensional Stability

Heat Resistant

Impact Resistant

Rigid

Typical applications include:

Automotive

Engineering/Industrial Parts

Housings

General Information			
UL YellowCard	E142591-223226		
Filler / Reinforcement	Glass\Mineral,30% Filler by Weight		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	High Heat Resistance		
	Medium Rigidity		
Uses	Automotive Applications		
	Housings		
	Pump Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.47	%	
Across Flow	0.47	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	63.0	MPa	ASTM D638
Tensile Elongation (Break)	11	%	ASTM D638
Flexural Modulus	4200	MPa	ASTM D790
Flexural Strength	81.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.20 mm	160	°C	
1.8 MPa, Unannealed, 3.20 mm	149	°C	

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Recommended distributors for this material

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