

Sinpolene GPP2010/3

Compounded Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINPOLENE GPP2010/3 is the premium mixed glass filler/glass bead reinforced polypropylene moulding compound.

General Information			
Filler / Reinforcement	Glass Beads \Glass Fiber, 30% Filler by Weight		
Features	Good dimensional stability		
	Good creep resistance		
	Heat resistance, medium		
Uses	Electrical appliances		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Transverse flow	1.5	%	ASTM D955
Flow	0.43	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	46.0	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Stress	54.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	134	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

