

POROPHEN® GF 9202 L12

Phenolic

SBHPP

Message:

POROPHEN® GF 9202 L12 is a long glass fiber reinforced phenolic molding compound with high mechanical strength and excellent thermal properties.

General Information			
Filler / Reinforcement	Long glass fiber, 55% filler by weight		
Features	High strength		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
	EU 2006/122/EC		
RoHS Compliance	RoHS compliance		
Appearance	Dark gray		
Forms	flake		
Processing Method	Compression molding		
Part Marking Code (ISO 11469)	>PF-GF55		
Physical	Nominal Value	Unit	Test Method
Density	1.79	g/cm ³	ISO 1183
Molding Shrinkage	0.080	%	ISO 2577
Water Absorption (Equilibrium, 23°C, 50% RH)	0.40	%	ISO 62
Post Shrinkage	-0.020	%	ISO 2577
Flexural Strain at Break	0.60	%	ISO 178
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	29000	MPa	ISO 527-2
Tensile Stress	140	MPa	ISO 527-2
Flexural Modulus	26000	MPa	ISO 178
Flexural Stress	350	MPa	ISO 178
Compressive Stress	390	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	65	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Linear thermal expansion coefficient			TMA
Flow	1.0E-5	cm/cm/°C	TMA
Lateral	2.2E-5	cm/cm/°C	TMA
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	150	V	IEC 60112

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

