

POROPHEN® GF 9202 L5

Phenolic

SBHPP

Message:

POROPHEN® GF 9202 L5 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	1.76	g/cm ³	ISO 1183
Molding Shrinkage	0.12	%	ISO 2577
Post Shrinkage	0.010	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	24700	MPa	ISO 527-2
Tensile Stress	139	MPa	ISO 527-2
Tensile Strain (Break)	0.60	%	ISO 527-2
Flexural Modulus	19800	MPa	ISO 178
Flexural Stress	257	MPa	ISO 178
Compressive Stress	381	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	49	kJ/m ²	ISO 179

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Recommended distributors for this material

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