

Lytex 4105

Epoxy; Epoxide

Quantum Composites Inc.

Message:

Lytex 4105 is a high performance epoxy sheet molding compound (SMC) containing continuous unidirectional glass fiber reinforcement. It is designed for applications requiring very high directional strength properties.

General Information			
Filler / Reinforcement	Glass Fiber,68% Filler by Weight		
Uses	Springs		
Appearance	Black		
	Natural Color		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.95	g/cm ³	ASTM D792
Apparent Density	1.89	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.10	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	689	MPa	ASTM D638
Flexural Modulus	40000	MPa	ASTM D790
Flexural Strength	1280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	3500	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	302	°C	ASTM D648
Continuous Use Temperature	204	°C	ASTM D794
Thermoset	Nominal Value	Unit	
Shelf Life (-18°C)	26	wk	
Demold Time (135°C)	5.0 to 10	min	

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

