

Lytex X-4185

Epoxy; Epoxide

Quantum Composites Inc.

Message:

Lytex X-4185 is an Epoxy; Epoxide (Epoxy) product filled with 55% carbon fiber. It can be processed by compression molding and is available in North America.

General Information			
Filler / Reinforcement	Carbon Fiber,55% Filler by Weight		
Appearance	Black		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.46	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.10 to 0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	73		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	517	MPa	ASTM D638
Flexural Modulus	44800	MPa	ASTM D790
Flexural Strength (Yield)	689	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	930	J/m	ASTM D256
Thermoset	Nominal Value	Unit	
Shelf Life (-18°C)	26	wk	

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Recommended distributors for this material

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