

Lytex 4023-2

Epoxy; Epoxide

Quantum Composites Inc.

Message:

Lytex 4023-2 is a flame retarded version of Lytex 9063. Its use should be considered when a high level of flame retardency is required for the molded component. It has a longer shelf life and softer flow than Lytex 4023.

General Information			
Filler / Reinforcement	Glass Fiber,58% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Electrical Properties		
Appearance	White		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.84	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Water Absorption (24 hr)	0.080	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	193	MPa	ASTM D638
Flexural Modulus	15200	MPa	ASTM D790
Flexural Strength	372	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1300	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	177	°C	ASTM D794
Thermoset	Nominal Value	Unit	
Shelf Life (-12°C)	26	wk	
Demold Time (138°C)	5.0 to 10	min	

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