

# Lytex 4023

Epoxy; Epoxide

Quantum Composites Inc.

## Message:

Lytex 4023 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.

General Information			
Filler / Reinforcement	Glass Fiber,58% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Electrical Properties		
Appearance	Black		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.82	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Water Absorption (24 hr)	0.080	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	67		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	172	MPa	ASTM D638
Flexural Modulus	15200	MPa	ASTM D790
Flexural Strength	414	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	302	°C	ASTM D648
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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