

IDI STC 2450

Thermoset, Unspecified

IDI Composites International

Message:

PRODUCT SERIES: STC 2400 SERIES SMC

PRODUCT DESCRIPTION: HIGH STRENGTH VINYL ESTER HYBRID COMPOSITES

General Information			
Features	High Strength		
Forms	SMC - Sheet Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50 to 1.80	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.0 to 0.20	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10 to 0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	30 to 60		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12000	MPa	ASTM D638
Tensile Strength	207	MPa	ASTM D638
Flexural Modulus	14000	MPa	ASTM D790
Flexural Strength	331	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2000	J/m	ASTM D256

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