

IDI STC 2158

Vinyl Ester

IDI Composites International

Message:

PRODUCT SERIES: STC 2100 SERIES SMC

PRODUCT DESCRIPTION: HIGH STRENGTH EPOXY VINYLESTER COMPOSITES

General Information			
Features	High Strength		
Forms	SMC - Sheet Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60 to 1.80	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.050 to 0.30	%	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	20000	MPa	ASTM D638
Tensile Strength	241	MPa	ASTM D638
Flexural Modulus	14500	MPa	ASTM D790
Flexural Strength	414	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1600	J/m	ASTM D256

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Recommended distributors for this material

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