

IDI STC 2252

Thermoset Polyester

IDI Composites International

Message:

PRODUCT SERIES: STC 2200 SERIES SMC

PRODUCT DESCRIPTION: HIGH STRENGTH POLYESTER/VINYLESTER HYBRID 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	0.0 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	19300	MPa	ASTM D638
Tensile Strength	186	MPa	ASTM D638
Flexural Modulus	13800	MPa	ASTM D790
Flexural Strength	262	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1300	J/m	ASTM D256

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