

IDI STC 2045

Thermoset Polyester
IDI Composites International

Message:
PRODUCT SERIES: ST 2000 SERIES SMC
PRODUCT DESCRIPTION: HIGH STRENGTH POLYESTER 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	12400	MPa	ASTM D638
Tensile Strength	138	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT