

# TCA Lite® CSP 852MD

Thermoset Polyester  
Continental Structural Plastics

Message:

TCA Lite® is a lower-density version of standard 850A Tough Class A SMC. TCA Lite (CSP 852MD) provides a nearly 20 percent reduction in density when compared to standard density formulations.

General Information			
Filler / Reinforcement	Glass Fiber,32% Filler by Weight		
Features	Good Chemical Resistance		
	Good Crack Resistance		
	Good Dimensional Stability		
	Good Surface Finish		
	High Heat Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Forms	SMC - Sheet Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage	0.090	%	
Water Absorption (24 hr)	< 0.80	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ASTM D638
Tensile Strength	70.0	MPa	ASTM D638
Flexural Modulus	8300	MPa	ASTM D790
Flexural Strength	166	MPa	ASTM D790
Compressive Modulus	6300	MPa	ASTM D695
Compressive Strength	90.0	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	89.0	kJ/m <sup>2</sup>	ASTM D256
Unnotched Izod Impact (Area)	88.0	kJ/m <sup>2</sup>	ASTM D256

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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

