

- Ultra-high stiffness to weight ratio
- Carbon pre-preg compatibility
- High strength to weight ratio
- For complex geometric applications requiring performance optimized high stiffness and low weight

UltriumTM - Carbon Fiber Composites

Structural Thermoset Composites

STC[®] - Ultra Performance Moldable Composites - Sheet Form

	UltriumTM STC[®] 4660 EMC
Resin System	Fast Cure Epoxy
Reinforcement	Carbon Fiber
Flexural Strength Test Method: ASTM D790	609 MPa
Flexural Modulus Test Method: ASTM D790	36 GPa
Tensile Strength Test Method: ASTM D638	301 MPa
Tensile Modulus Test Method: ASTM D638	38 GPa
Specific Gravity Test Method: ASTM D792	1.44
Reinforcement Content WT%	60%
Reinforcement Length	25mm
T(g) Tan Delta	150°C

The information on this sheet is a guide. The stated values reflect an average of several tests conducted on Composites International's (CI's) goods. These values were obtained under ideal conditions and may not be replicated in any particular test, part, or application. Because the values achieved in actual parts depend considerably on part design, molding conditions, and testing methods, no guarantee is made or implied regarding values to be obtained in any specific test, part, or application. CI makes no warranty or representation as to the suitability of any of its goods for use in any application. CI relies on customer to conduct its own tests and judge for itself the suitability of CI's goods.



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GLOBAL LOCATIONS**



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