

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



Ultrium™ U660 developed for North America, other formulations available globally.

Series: ULTRIUM™
Product Description: CARBON FIBER SMC
 Ultra-performance moldable composites, offering low density, and outstanding strength and rigidity.

| | Ultrium™ U550 | Ultrium™ U660 |
|---|-----------------|-----------------|
| Resin System | Fast Cure Epoxy | Fast Cure Epoxy |
| Reinforcement | Carbon Fiber | Carbon Fiber |
| Flexural Strength Test Method: ASTM D790 | 457 MPa | 541 MPa |
| Flexural Modulus Test Method: ASTM D790 | 27 GPa | 35 GPa |
| Tensile Strength Test Method: ASTM D638 | 229 MPa | 280 MPa |
| Tensile Modulus Test Method: ASTM D638 | 43 GPa | 50 GPa |
| Specific Gravity Test Method: ASTM D792 | 1.44 | 1.51 |
| Reinforcement Content WT% | 55% | 60% |
| Reinforcement Length | 25mm | 25mm |
| T(g) Tan Delta | 150°C | 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
GLOBAL SOLUTIONS**



idicomposites.com

United States
Noblesville, Indiana

Europe
Vineuil, France

United Kingdom
Oldbury, UK

Asia/Pacific
Shanghai, China

Caribbean
Aguirre, Puerto Rico

Mexico
Mexico City, Mexico