- High strength
- Impact resistant
- Highly moldable for complex geometries
- Out-performs aluminum and steel on a performance to weight basis

FORTIUM™
High Glass Fiber Composites

Fortium™ F250-UV developed for North America, other formulations available globally.

Series: FORTIUM™
Product Description: TOUGH I WEATHERABLE I MOLDED-IN BLACK SMC
Applications include hard-wearing, textured, weather-exposed, semi-structural applications such as truckbeds, underbodies, treadplates, and tough enclosures.

	F250-UV
Glass Fiber Content	48%
Flexural Strength Test Method: ASTM D790	235 MPa
Flexural Modulus Test Method: ASTM D790	10 GPa
Tensile Strength Test Method: ASTM D638	140 MPa
Tensile Modulus Test Method: ASTM D638	11 GPa
Impact Strength, UnNotched Izod Test Method: ASTM D256	115 kJ/m^2
Moisture Absorption Test Method: ASTM D570	0.6 %
Specific Gravity Test Method: ASTM D792	1.75
Shrinkage Test Method: ASTM D955	-0.034 %
Gel Time Test Method: DSC	63 s
Cure Time Test Method: DSC	107 s
UV Stability Test Method: Various Xenon, AZ, FL...	Very High
Part-Level Impact, t=3mm Test Method: Steel ball drop impact, not cracked through.	>30J

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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