



# Aeroform™ AV-210 SMC

Versatile family of compounds designed for structural applications. Low shrink characteristics combined with good heat resistance, long-term dimensional stability, corrosion resistance, and excellent paintability.

| Property             | Properties       | Test Method, Unit              |
|----------------------|------------------|--------------------------------|
| Impact Strength      | 26 to 33         | ASTM D256, FT-LBS/IN           |
| Flexural Strength    | 45,000 to 52,000 | ASTM D790, PSI                 |
| Flexural Modulus     | 1.6 to 1.9       | ASTM D790, 10 <sup>6</sup> PSI |
| Tensile Strength     | 25,000 to 30,000 | ASTM D638, PSI                 |
| Tensile Modulus      | 2.5 to 3.0       | ASTM D638, 10 <sup>6</sup> PSI |
| Compressive Strength | 20,000 to 25,000 | ASTM D695, PSI                 |
| Specific Gravity     | 1.5 to 1.8       | ASTM D792, G/CM <sup>3</sup>   |
| Shrinkage            | 0.5 to 2.0       | ASTM D955, MIL/IN              |
| Hardness             | 40 to 60         | ASTM D2583, Barcol             |
| Glass Weight         | 40 to 60         |                                |

## www.idicomposites.com

### The Americas

IDI Composites International  
407 S. 7th Street  
Noblesville, IN 46060 U.S.A.  
317-773-1766  
Fax: 317-773-3877  
[info@idicomposites.com](mailto:info@idicomposites.com)

IDI Composites International  
P.O. Box 400  
Road #3, KM 151.8  
Aguirre, Puerto Rico 00704  
787-853-2186  
Fax: 787-853-2187  
[lcruz@idicomposites.com](mailto:lcruz@idicomposites.com)

### Asia/Pacific

IDI Composites International  
No. 8, Lane 275, QianPu Road  
New Eastern Section of  
Sonjiang Industrial Park  
Shanghai, 201611 China  
86-21-51096910  
Fax: 86-21-67601689  
[rrodriguez@idicomposites.com](mailto:rrodriguez@idicomposites.com)

IDI Composites International  
Shenzhen Company, LTD.  
Fucheng Industrial Park, Hongtian  
Xinqiao, Sajing Town, Bao An  
Shenzhen, China 518125  
86-755-27229550  
Fax: 86-755-27229554  
[rrodriguez@idicomposites.com](mailto:rrodriguez@idicomposites.com)

### Europe

IDI Composites International  
Unit One, Oldbury Park  
Popes Lane  
Oldbury, West Midlands  
B69 4RG U.K.  
44-121-552-0038  
Fax: 44-121-543-5377  
[pgarland@idicomposites.co.uk](mailto:pgarland@idicomposites.co.uk)