



CLIENT: Fibergrate Composite Structures Inc.
P.O. Box 208
Stephenville, TX 76401
Attn: Joe Burr

Test Report No: 674931	Date: August 24, 2006
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The following samples were submitted by the Client as:

SAMPLE ID: Dynaform Structural Shapes LW
Dynaform Structural Shapes CW

DATE OF RECEIPT: July 21, 2006

TESTING PERIOD: July 21 – August 24, 2006

AUTHORIZATION: Client's WO #801781

TESTS REQUESTED: The submitted sample was tested in accordance with the procedures outlined for the following:

- ASTM D256-03 Izod Impact Resistance
- ASTM D570-98 Water Absorption
- ASTM D638-03 Tensile Properties
- ASTM D790-03 Flexural Properties
- ASTM D695-02 Compressive Properties
- ASTM D2583-01 Barcol Hardness
- ASTM D792-00 Specific Gravity

TEST RESULTS: Continued on the following pages

PREPARED BY: *[Signature]* **SIGNED FOR AND ON BEHALF OF**
SGS U.S. TESTING COMPANY INC.

[Signature]
Julian Arencibiai, Technician
Materials Evaluation Lab

[Signature]
for **Dominick Lepore, Manager**
Building Materials

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RESULTS:

TENSILE PROPERTIES
ASTM D638-03

Sample: Dynaform Structural Shapes LW

<u>Specimen</u>	<u>Width</u>	<u>Thickness</u>	<u>Tensile Load</u>	<u>Tensile Strength</u>
	in	in	lbf.	psi
1	0.491	0.248	5982	49129
2	0.490	0.247	5229	43205
3	0.490	0.248	5379	44268
4	0.475	0.245	5671	48729
5	0.477	0.245	4799	41066
Avg.			5412	45279

Sample: Dynaform Structural Shapes CW

<u>Specimen</u>	<u>Width</u>	<u>Thickness</u>	<u>Tensile Load</u>	<u>Tensile Strength</u>
	in	in	lbf.	psi
1	0.505	0.247	562	4502
2	0.498	0.248	376	3045
3	0.498	0.245	362	2965
4	0.495	0.245	241	1988
5	0.500	0.250	358	2865
Avg.			380	3073

Note: Lab Environment: Temperature 23° C, Humidity 50 %
Specimen Conditioning: 48 hours minimum
Crosshead speed: 0.05 in/min
Span: 1.0 inch