



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:

FLEXURAL PROPERTIES
ASTM D790-03

Sample: Dynaform Structural Shapes LW

<u>Specimen</u>	<u>Flexural Load</u>	<u>Flexural Strength</u>	<u>Flexural Modulus</u>
	lbf	ksi	ksi
1	798.9	54.48	2539
2	856.7	58.42	3032
3	782.2	53.50	2768
4	845.3	55.07	2311
5	852.8	56.23	2402
Avg.		55.54	2610

Sample: Dynaform Structural Shapes CW

<u>Specimen</u>	<u>Flexural Load</u>	<u>Flexural Strength</u>	<u>Flexural Modulus</u>
	lbf	ksi	ksi
1	222.9	14.88	1497
2	201.8	13.44	1425
3	286.4	19.47	1448
4	280.4	19.01	1378
5	254.6	16.98	1384
Avg.		16.76	1426

Note: Lab Environment: Temperature 23° C, Humidity 50 %
Specimen Conditioning: 48 hours minimum
Crosshead speed: 0.05 in/min
Span: 2.75 inch