

### **TEST REPORT**

08/21/02 Date

T 36994

# TENSILE PROPERTIES

Rate of test: 0.05 inches/minute

TEST METHOD

: ASTM D 3039-00

**IDENTIFICATION** 

: Richlite

TEST DIRECTION

: Tested in the "X" direction, as designated by the client.: Tested "as received" at room temperature

TEST CONDITION

SPECIMEN	THICKNESS inches	WIDTH inches	MAXIMUM LOAD pounds	ULTIMATE STRENGTH Psi	INITIAL <u>MODULUS</u> Msi	STRAIN TO FAILURE %
1	0.1268	1.005	2,741	21,500	1.82	1.53
2	0.1267	1.006	2,814	22,100	1.89	1.62
3	0.1271	1.001	2,748	21,600	1.83	1.65
4	0.1271	0.999	2,801	22,100	1.88	1.60
5	0.1268	1.000	2,710	21,400	1.80	1.60
AVERAGE:			21,700	1.84	1.60	
	STANI	DARD DE	340	0.039	0.044	
(	COEFFICIENT C	F VARIA	1.57	2.12	2.75	

- 1. Specimen 1 exhibited lateral, tensile failure in the gage area.
- 2. Specimens 2, 3, 4 and 5 exhibited lateral, tensile failure near the edge of the grips.
- 3. Modulus was calculated, based on the chord between 1,000 and 3,000 µ-strain of the stress vs. strain curve.
- 4. No acceptance/rejection criteria were submitted for the above results.





# **TEST REPORT**

08/21/02

W.O. No. T 36994

### TENSILE PROPERTIES

Rate of test: 0.05 inches/minute

TEST METHOD

: ASTM D 3039-00

IDENTIFICATION

: Richlite

TEST DIRECTION

: Tested in the "Y" direction, as designated by the client.

TEST CONDITION : Tested "as received" at room temperature

<u>SPECIMEN</u>	THICKNESS inches	WIDTH inches	MAXIMUM LOAD pounds	ULTIMATE STRENGTH Psi	INITIAL <u>MODULUS</u> Msi	STRAIN TO FAILURE %
1	0.1261	1.000	1,921	15,200	1.43	2.45
2	0.1259	1.002	1,835	14,500	1.14	1.88
3	0.1262	1.001	1,616	12,800	1.14	1.43
4	0.1260	1.001	1,920	15,200	1.15	2.04
5	0.1258	1.004	1,944	15,400	1.11	2.12
AVERAGE:			14,600	1.19	1.98	
	STANI	DARD DE	1,070	0.133	0.373	
	COEFFICIENT C	F VARIA	7.33	11.2	18.8	

Notes: 1. Specimen 1 exhibited multiple, lateral, tensile failure in the gage area.

- 2. Specimens 2, 3 and 5 exhibited lateral, tensile failure in the gage area.
- 3. Specimen 4 exhibited lateral, tensile failure near the edge of the grips.
- 4. Modulus was calculated, based on the chord between 1,000 and 3,000  $\mu$ -strain of the stress vs. strain curve.
- 5. No acceptance/rejection criteria were submitted for the above results.

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