

TEST REPORT

W.O. No. T 36994

FLEXURAL STRENGTH & MODULUS

Rate of test: 0.11 inches/minute
Bottom Span: 4.00 inches
Top Span: 2.00 inches

TEST METHOD : ASTM D 6272-00, Procedure A
IDENTIFICATION : Richlite
TEST DIRECTION : Specimens were tested in the "X" direction with the load applied to the face.
TEST CONDITION : Tested "as received" at room temperature

<u>SPECIMEN</u>	<u>THICKNESS</u> inches	<u>WIDTH</u> inches	<u>MAXIMUM LOAD</u> pounds	<u>ULTIMATE STRENGTH</u> Psi	<u>INITIAL MODULUS</u> Msi	<u>TYPE OF FAILURE</u>
1	0.244	0.503	238.0	23,800	1.79	See Note 1
2	0.244	0.507	237.8	23,600	1.75	See Note 2
3	0.243	0.507	236.0	23,600	1.76	See Note 1
4	0.244	0.505	212.6	21,200	1.75	See Note 2
5	0.244	0.504	231.2	23,100	1.74	See Note 3
AVERAGE:				23,100	1.76	
STANDARD DEVIATION:				1,070	0.019	
COEFFICIENT OF VARIATION (%):				4.63	1.08	

- Notes:
1. Specimen failed in tension, proximal to the left loading nose.
 2. Specimen failed in tension, proximal to the mid-span location.
 3. Specimen failed in tension, proximal to the right loading nose.
 4. No acceptance/rejection criteria were submitted for the above results.

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FLEXURAL STRENGTH & MODULUS

Rate of test: 0.11 inches/minute

Bottom Span: 4.00 inches

Top Span: 2.00 inches

TEST METHOD : ASTM D 6272-00, Procedure A

IDENTIFICATION : Richlite

TEST DIRECTION : Specimens were tested in the "Y" direction with the load applied to the face.

TEST CONDITION : Tested "as received" at room temperature

<u>SPECIMEN</u>	<u>THICKNESS</u> inches	<u>WIDTH</u> inches	<u>MAXIMUM LOAD</u> lbs	<u>ULTIMATE STRENGTH</u> Psi	<u>INITIAL MODULUS</u> Msi	<u>TYPE OF FAILURE</u>
1	0.243	0.499	185.9	18,900	1.12	See Note 1
2	0.244	0.499	185.7	18,800	1.09	See Note 2
3	0.244	0.503	185.5	18,600	1.11	See Note 3
4	0.244	0.500	185.1	18,700	1.16	See Note 2
5	0.243	0.500	180.7	19,400	1.16	See Note 3
AVERAGE:				18,900	1.13	
STANDARD DEVIATION:				310	0.031	
COEFFICIENT OF VARIATION (%):				1.64	2.74	

- Notes:
1. Specimen fractured under both loading noses.
 2. Specimen fractured proximal to the right loading nose.
 3. Specimen fractured proximal to the left loading nose.
 4. No acceptance/rejection criteria were submitted for the above results.

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