

SUMMARY OF AVERAGE TEST RESULTS

| <u>PROPERTIES</u> | <u>ASTM METHOD</u> | <u>DIRECTION</u> | <u>TEST SURFACE</u> | <u>RICHLITE</u> | <u>UNITS</u> |
|-------------------|--------------------|------------------|---------------------|-----------------|----------------------------|
| C.O.L.T.E. | E 831-00 | X | edge | 5.0 | x10 ⁻⁶ in/in/°F |
| C.O.L.T.E. | E 831-00 | Y | edge | 11.4 | x10 ⁻⁶ in/in/°F |
| C.O.L.T.E. | E 831-00 | Z | face | 46.3 | x10 ⁻⁶ in/in/°F |
| Shore D hardness | D 2240-00 | Z | face | 90 | --- |
| Shore D hardness | D 2240-00 | X | edge | 89 | --- |
| Tensile strength | D 3039-00 | X | face | 21,700 | Psi |
| Tensile strength | D 3039-00 | Y | face | 14,600 | Psi |
| Tensile modulus | D 3039-00 | X | face | 1.84 | Msi |
| Tensile modulus | D 3039-00 | Y | face | 1.19 | Msi |

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|-------------------|--------------------|------------------|---------------------|-----------------|--------------|
| Flexural strength | D 6272-00 | X | edge | 22,900 | Psi |
| Flexural strength | D 6272-00 | Y | edge | 18,900 | Psi |
| Flexural strength | D 6272-00 | X | face | 23,100 | Psi |
| Flexural strength | D 6272-00 | Y | face | 18,900 | Psi |
| Flexural modulus | D 6272-00 | X | edge | 1.86 | Msi |
| Flexural modulus | D 6272-00 | Y | edge | 1.16 | Msi |
| Flexural modulus | D 6272-00 | X | face | 1.76 | Msi |
| Flexural modulus | D 6272-00 | Y | face | 1.13 | Msi |

- Notes :
1. Only the linear region of the thermal mechanical analysis thermogram was used to calculate coefficient of thermal analysis.
 2. See the enclosed data for individual results and test parameters.
 3. No acceptance/rejection criteria were submitted for the above results.

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