



**TYPICAL PROPERTIES OF  
RE41E**

**POLYMER**

**EPDM BLEND**

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	2 - 5 13.8 - 34.4
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	4 - 8 .064 - .128
COMPRESSION SET (MAX)	ASTM D1056	%	35
WATER ABSORPTION (MAX)	ASTM D1056	%	5
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	80 550
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb/in kN/m	9.6 1.7
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (Typical)	ASTM D2632	%	35
COLOR	N/A	N/A	BLACK

SPECIFICATIONS
ASTM D1056-78.....RE41 ASTM D1056-07.....2A1 ASTM D1056 Suffix's.....A1, C1, F2, M ASTM D6576-07.....Type II A, B, C Soft MIL-R-6130C .....II-A Soft MIL-C-3133C MIL STD 670 B.....RE3
FLAMMABILITY SPECIFICATIONS
FMVSS-302.....Pass(.098" or Thicker)
ADDITIONAL INFORMATION
Service Temperature -70F to 220°F High Intermittent Temp 250°F Thermal Conductivity .322 Btu-in/hr-Ft <sup>2</sup> -°F

For updates to this document, please refer to our website or contact customer service.

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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