

TYPICAL PROPERTIES OF
RE42E

POLYMER

EPDM BLEND

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	5 - 9 34.5 - 62	ASTM D1056-78.....RE42 ASTM D1056-07.....2A2 ASTM D1056 Suffix's.....A1, C1, F2, M ASTM D6576-07.....Type II A, B, C Soft/Med MIL-R-6130CII-A Soft/Med MIL-C-3133C MIL STD 670 B.....RE7
DENSITY	ASTM D1056	pcf g/cm ³	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	
				FLAMMABILITY SPECIFICATIONS
				FMVSS-302.....Pass (098" or Thicker)
				ADDITIONAL INFORMATION
				Service Temperature -70°F to 220°F High Intermittent Temp 250°F Thermal Conductivity .30 Btu-in/hr-Ft ² -°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.

P.O. BOX 2965 HUNTINGTON, WEST VIRGINIA 25728
TELEPHONE (304) 525-3116 • FAX (304) 523-4316
WWW.RUBBERLITE.COM

Issue Date: 12/28/12