

TYPICAL PROPERTIES OF
RE45E

POLYMER

EPDM BLEND

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	17- 25 117.2 - 172.3	ASTM D1056-78.....RE45 ASTM D1056-07.....2A5 ASTM D1056 Suffix's.....A1, B2, C1, F1, M ASTM D6576-07.....II A, B, C Firm MIL-R-6130CII-B Firm MIL-C-3133C MIL STD 670 B.....RE20
DENSITY	ASTM D1056	pcf g/cm ³	10 - 14 .160 - .224	
COMPRESSION SET (MAX)	ASTM D1056	%	25	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	150 1050	FLAMMABILITY SPECIFICATIONS
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125	FMVSS-302.....(.068" or Thicker)
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb/in kN/m	35 6.1	ADDITIONAL INFORMATION
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30	Service Temperature -40°F to 200°F High Intermittent Temp 250°F
RESILIENCE (Typical)	ASTM D2632	%	15	
COLOR	N/A	N/A	BLACK	

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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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