

**TYPICAL PROPERTIES OF  
RE41E**

**POLYMER**

**EPDM BLEND**

**SPECIFICATIONS**

ASTM D 1056-67.....	RE41
ASTM D 1056-78.....	RE41
ASTM D 1056-07.....	2A1
MIL-R-6130C TY/GR/CONDITION.....	II-A SOFT
MIL-C-3133C MIL STD 670 B.....	SCE3

**FLAMMABILITY SPECIFICATIONS**

MIL-R-6130C.....	PASS
FMVSS-302.....	PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	2 - 5 14 - 34
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	4 - 8 .064 - .128
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D1056	%	5
TEMPERATURE RANGE	ASTM D746	°F	-40 TO +200
HIGH INTERMITTENT	ASTM D746	°F	+250
TENSILE STRENGTH TYPICAL	ASTM D412 (DIE A)	psi kPa	75 517
ELONGATION TYPICAL	ASTM D412 (DIE A)	%	125
HEAT AGING (7 DAYS-158° F) CHANGE IN COMP. DEFL	ASTM D 1056	%	±30
THERMAL CONDUCTIVITY	ASTM C177-85	K FACTOR	.30
COLOR	N/A	N/A	BLACK

**RESISTANCE TO:**

ACID	EXCELLENT	OZONE	EXCELLENT
ALKALI	EXCELLENT	KETONES	FAIR
GASOLINE AND OIL	POOR	CHLORINATED SOLVENTS	POOR
AROMATIC HYDROCARBONS	FAIR	OXIDATION	EXCELLENT

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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