



**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