



**TYPICAL PROPERTIES OF
RE42E**

POLYMER

EPDM BLEND

SPECIFICATIONS

ASTM D 1056-67.....	SCE42
ASTM D 1056-78.....	RE42
ASTM D 1056-07.....	2A2
MIL-R-6130C TY/GR/CONDITION.....	II-A SOFT/MED
MIL-C-3133C MIL STD 670 B.....	SCE7

FLAMMABILITY SPECIFICATIONS

FMVSS-302.....	PASS
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PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	5 - 9 34 - 62
DENSITY	ASTM D1056	pcf g/cm ³	4 - 8 .064 - .128
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D1056	%	5
COMPRESSION SET MAXIMUM	ASTM D1056	%	35
TEMPERATURE RANGE	ASTM D746	°F	-40 TO +200
HIGH INTERMITTENT	ASTM D746	°F	+250
TENSILE STRENGTH TYPICAL	ASTM D412 (DIE A)	psi kPa	100 690
ELONGATION TYPICAL	ASTM D412 (DIE A)	%	125
HEAT AGING (7 DAYS-158°F) CHANGE IN COMP. DEFL	ASTM D1056	%	±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