

**TYPICAL PROPERTIES OF
RE42EPT**

POLYMER

EPDM

SPECIFICATIONS

ASTM D 1056-68-----	RE41/42
ASTM D 1056-78-----	RE41/42
ASTM D 1056-85, 91, 98-----	2A1/2A2
MIL-R-6130C TY/GR/CONDITION-----	II-A SOFT/MED
MIL-C-3133C MIL STD 670 B-----	RE3

FLAMMABILITY SPECIFICATIONS

MIL-R-6130C-----	PASS, ≥ .188"
FMVSS-302-----	PASS, ≥ .188"

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D 1056	psi kPa	4-8 28-55
DENSITY	ASTM D 3575	pcf g/cm ³	4-6 .064-.096
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D 1056	%	5
TEMPERATURE RANGE	N/A	°F	-40 TO +220
HIGH INTERMITTENT	N/A	°F	+250
TENSILE STRENGTH	ASTM D 412 (DIE A)	psi kPa	60 345
ELONGATION MINIMUM	ASTM D 412 (DIE A)	%	125
ACCEL. AGING (7 DAYS@158°F) FLEXIBILITY (NO CRACKING) APPEARANCE CHANGE CHANGE IN COMPRESSION DEFLECTION	ASTM D 1056	N/A 180° BEND N/A %	PASS NONE ±30
THERMAL CONDUCTIVITY	ASTM C 177-85	K FACTOR	.30
COLOR	N/A	N/A	BLACK

RESISTANCE TO:

ACID	EXCELLENT	OZONE	EXCELLENT
ALKALI	EXCELLENT	KETONES	FAIR
GASOLINE AND OIL	FAIR	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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