

# TYPICAL PROPERTIES OF RE42EPT

POLYMER: EPDM

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056	PSI	kPa	4 - 8	ASTM D1056-68	RE41/42
				27.5 - 55.1	ASTM D1056-07	2A1/2A2
DENSITY	ASTM D1056	PCF	G/CM <sup>3</sup>	4 - 6	ASTM D1056 SUFFIX'S	C1,F2,M
				.064 - .096	ASTM D6576-07	TYPE II B,C SOFT/MEDIUM
COMPRESSION SET (MAX)	ASTM D1056	%		40	MIL-R-6130C	II-B/C SOFT/MEDIUM
WATER ABSORPTION (MAX)	ASTM D1056	%		5	MIL-C-3133C MIL STD 670 B	RE3
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A	PSI		60	UL48/UL50/UL50E/UL157/UL508	LISTED
		kPa		413.7	GMW15473	CLASS I TYPE IV
ELONGATION (TYPICAL)	ASTM D412 DIE A	%		150	WSK-M2D419-A	TYPE 2/3
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C	LB/IN		6.8	TSM 1501G	2A1/2A2
		kN/m		1.2	Contact customer service for exceptions	
CD CHANGE AFTER OVEN AGING	ASTM D1056	%		±30	FLAMMABILITY SPECIFICATIONS	
RESILIENCE (TYPICAL)	ASTM D2632	%		45	UL94-HF1	LISTED <sup>1</sup>
COLOR	N/A	N/A		BLACK	FMVSS-302	PASS (>=>.188" THICK)
					<sup>1</sup> Contact customer service for thickness data	
					ADDITIONAL INFORMATION	
					SERVICE TEMPERATURE	-70 TO +220 °F
					HIGH INTERMITTENT TEMP	+250 °F
					THERMAL CONDUCTIVITY	.30 BTU-IN/HR-FT <sup>2</sup> -°F

This information is furnished as a guide for selecting materials. Manufacturer 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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