

TYPICAL PROPERTIES OF RE41EPT

POLYMER: EPDM

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056		PSI kPa	2 - 5 13.8 - 34.4	ASTM D1056-68	RE41
DENSITY	ASTM D1056		PCF G/CM ³	;3 - 5 .048 - .080	ASTM D1056-07	2A1
COMPRESSION SET (MAX)	ASTM D1056		%	40	ASTM D1056 SUFFIX'S	A2,C1,F2,M
WATER ABSORPTION (MAX)	ASTM D1056		%	10	ASTM D6576-07	TYPE II B,C SOFT
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A		PSI kPa	40 275.8	MIL-R-6130C	II-B/C SOFT
ELONGATION (TYPICAL)	ASTM D412 DIE A		%	175	MIL-C-3133C MIL STD 670 B	RE3
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C		LB/IN kN/m	6.8 1.2	GMW15473	CLASS I TYPE IV
CD CHANGE AFTER OVEN AGING	ASTM D1056		%	±30	WSK-M2D419-A	TYPE 2
RESILIENCE (TYPICAL)	ASTM D2632		%	45	TSM 1501G	2A1
COLOR	N/A		N/A	BLACK	MS-AY-430	TYPE 2
					Contact customer service for exceptions	
FLAMMABILITY SPECIFICATIONS						
					FMVSS-302	PASS (>=/.188" THICK)
ADDITIONAL INFORMATION						
					SERVICE TEMPERATURE	-70 TO +220 °F
					HIGH INTERMITTENT TEMP	+250 °F
					THERMAL CONDUCTIVITY	.30 BTU-IN/HR-FT ² -°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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