

# TYPICAL PROPERTIES OF RE42E

POLYMER: EPDM BLEND

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056		PSI	5 - 9	ASTM D1056-67	SCE42
			kPa	34 - 62	ASTM D1056-78	RE42
DENSITY	ASTM D1056		PCF	4 - 8	ASTM D1056-07	2A2
			G/CM <sup>3</sup>	.064 - .128	MIL-R-6130C	II-A SOFT/MEDIUM
COMPRESSION SET (MAX)	ASTM D1056		%	35	MIL-C-3133C MIL STD 670 B	SCE7
WATER ABSORPTION (MAX)	ASTM D1056		%	5		
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A		PSI	100	<b>FLAMMABILITY SPECIFICATIONS</b>	
			kPa	690		
ELONGATION (TYPICAL)	ASTM D412 DIE A		%	125	<sup>1</sup> Contact customer service for thickness data	
CD CHANGE AFTER OVEN AGING	ASTM D1056		%	±30	<b>ADDITIONAL INFORMATION</b>	
COLOR	N/A	N/A	N/A	BLACK	SERVICE TEMPERATURE	-40 TO +200 °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.

Distributed By:

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