

TYPICAL PROPERTIES OF SCE42B

POLYMER: NEOPRENE/EPDM/SBR

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	
		MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	PSI	5 - 9
		kPa	34.5 - 62
DENSITY	ASTM D1056	PCF	4 - 8
		G/CM ³	.064 - .128
COMPRESSION SET (MAX)	ASTM D1056	%	40
WATER ABSORPTION (MAX)	ASTM D1056	%	10
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A	PSI	75
		kPa	517
ELONGATION (TYPICAL)	ASTM D412 DIE A	%	125
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C	LB/IN	9.6
		kN/m	1.7
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (TYPICAL)	ASTM D2632	%	35
COLOR	N/A	N/A	BLACK

SPECIFICATIONS	
ASTM D1056-67	SCE42
ASTM D1056-78	RE42
ASTM D1056-07	2A2
ASTM D1056 SUFFIX'S	A1,C1,F1,M
ASTM D6576-07	TYPE II A,B,C SOFT/MED
MIL-R-6130C	II-A SOFT/MED
MIL-C-3133C MIL STD 670 B	SCE7
UL48/UL50/UL50E/UL157/UL508	LISTED
FLAMMABILITY SPECIFICATIONS	
UL94-HF1	LISTED ¹
FMVSS-302	PASS (>=/>.098" THICK)
¹ Contact customer service for thickness data	
ADDITIONAL INFORMATION	
SERVICE TEMPERATURE	-40 TO +200 °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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