

**TYPICAL PROPERTIES OF  
SCE42B**

**POLYMER**

**NEOPRENE/EPDM/SBR**

**SPECIFICATIONS**

ASTM D 1056-67.....SCE42  
 ASTM D 1056-78.....RE42  
 ASTM D 1056-85, 91, 98, 00. 07.....2A2  
 MIL-R-6130C TY/GR/CONDITION.....II-A SOFT/MED  
 MIL-C-3133C MIL STD 670 B.....SCE7  
 UL 157/UL 50/ UL 508.....LISTED

**FLAMMABILITY SPECIFICATIONS**

UL94 HF-1.....LISTED<sup>1</sup>  
 MIL-R-6130C.....PASS  
 FMVSS-302.....PASS

<sup>1</sup>Contact customer service for thickness data.

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	5 - 9 34 - 62
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	4 - 8 .064 - .128
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D1056	%	5
COMPRESSION SET MAXIMUM	ASTM D1056	%	35
TEMPERATURE RANGE	N/A	°F	-40 TO +200
HIGH INTERMITTENT	N/A	°F	+250
TENSILE STRENGTH MINIMUM	ASTM D412 (DIE A)	psi kPa	100 690
ELONGATION MINIMUM	ASTM D412 (DIE A)	%	125
ACCEL. AGING (7 DAYS@158°F) CHANGE IN COMPRESSION DEFLECTION AND FLEXIBILITY	ASTM D1056	% 180° BEND	±30 PASS
THERMAL CONDUCTIVITY	ASTM C177-85	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

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