

**TYPICAL PROPERTIES OF
SCE45B**

POLYMER

NEOPRENE/EPDM/SBR

SPECIFICATIONS

ASTM D 1056-67.....SCE45
 ASTM D 1056-85, 91, 98, 00.....2A5
 MIL-R-6130C TYPE/GRADE/CONDITION.....II-A-FIRM
 MIL-C-3133C & MIL-STD-670B.....SCE20

FLAMMABILITY SPECIFICATIONS

UL 94 HF-1.....LISTED¹
 UL 94 HBF.....LISTED¹
 MIL-R-6130C.....PASS
 FMVSS-302.....PASS

¹ Contact customer service for thickness data.

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	17 - 25 119 - 175
DENSITY	ASTM D1056	pcf g/cm ³	10 - 14 .160 - .224
WATER ABSORPTION	ASTM D1056	% MAX	5
TENSILE STRENGTH TYPICAL	ASTM D412 (DIE A)	psi kPa	150 1050
ELONGATION TYPICAL	ASTM D412 (DIE A)	%	125
OVEN AGED 7 DAYS @ 158°F CHANGE IN COMPRESSION DEFLECTION & FLEXIBILITY	ASTM D1056	% 180° BEND	+/- 30 PASS
COMPRESSION SET @50% (B2 OR B3)	ASTM D1056	% MAX	25
OZONE RESISTANCE	ASTM D1171	RATING	0
TEMPERATURE RANGE	ASTM D746	°F °C	-40 TO +150 -40 TO +66
HIGH INTERMITTENT	ASTM D746	°F °C	+200 +93
COLOR	N/A	N/A	BLACK

RESISTANCE TO:			
ACID	EXCELLENT	OZONE.....	FAIR
ALKALI.....	EXCELLENT	KETONES.....	FAIR
GASOLINE AND OIL.....	FAIR	CHLORINATED SOLVENTS.....	POOR
AROMATIC HYDROCARBONS	FAIR	OXIDATION.....	EXCELLENT

This information is furnished as a guide for selecting materials. Rubberlite Inc. 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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