



**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.....LISTED<sup>1</sup>  
 UL 94 HBF.....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	17 - 25 119 - 175
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	10 - 14 .160 - .224
WATER ABSORPTION	ASTM D1056	% MAX	5
TENSILE STRENGTH MINIMUM	ASTM D412 (DIE A)	psi kPa	150 1050
ELONGATION MINIMUM	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	N/A	°F °C	-40 TO +150 -40 TO +66
HIGH INTERMITTENT	N/A	°F °C	+200 +93
COLOR	N/A	N/A	BLACK

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