



**TYPICAL PROPERTIES OF  
SCE41B**

**POLYMER**

**NEOPRENE/EPDM/SBR**

**SPECIFICATIONS**

ASTM D 1056-67.....	SCE41
ASTM D 1056-78.....	RE41
ASTM D 1056-85, 91, 98, 00, 07.....	2A1
MIL-R-6130C TY/GR/CONDITION.....	II-A SOFT
MIL-C-3133C MIL STD 670 B.....	SCE3
UL 157/UL 50E/ UL 508.....	LISTED

**FLAMMABILITY SPECIFICATIONS**

UL94 HF-1.....	LISTED <sup>1</sup>
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	2 - 5 14 - 35
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	4 - 8 .064 - .128
COMPRESSION SET MAXIMUM	ASTM D1056	%	40
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D1056	%	5
TEMPERATURE RANGE	ASTM D746	°F	-40 TO +200
HIGH INTERMITTENT	ASTM D746	°F	+250
TENSILE STRENGTH TYPICAL	ASTM D412 (DIE A)	psi kPa	75 517
ELONGATION TYPICAL	ASTM D412 (DIE A)	%	125
HEAT AGING (7 DAYS-158°F) CHANGE IN COMP. DEFL.	ASTM D1056	%	±30
THERMAL CONDUCTIVITY	ASTM C177-85	K FACTOR	.30
COLOR	N/A	N/A	BLACK

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