

**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 50/ UL 508.....	LISTED

FLAMMABILITY SPECIFICATIONS

UL94 HF-1.....	LISTED ¹
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	2 - 5 14 - 35
DENSITY	ASTM D1056	pcf g/cm ³	4 - 8 .064 - .128
COMPRESSION SET MAXIMUM	ASTM D1056	%	40
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D1056	%	5
TEMPERATURE RANGE	N/A	°F	-40 TO +200
HIGH INTERMITTENT	N/A	°F	+250
TENSILE STRENGTH MINIMUM	ASTM D412 (DIE A)	psi kPa	75 517
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

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. **Issue 4** 3/24/09