

TYPICAL PROPERTIES OF
SCE45B

POLYMER

NEOPRENE BASED

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	17- 25 117.2 - 172.3
DENSITY	ASTM D1056	pcf g/cm ³	10 - 14 .160 - .224
COMPRESSION SET (MAX)	ASTM D1056	%	25
WATER ABSORPTION (MAX)	ASTM D1056	%	5
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	150 1050
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb/in kN/m	35 6.1
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (Typical)	ASTM D2632	%	15
COLOR	N/A	N/A	BLACK

SPECIFICATIONS	
ASTM D1056-67.....	SCE45
ASTM D1056-78.....	RE45
ASTM D1056-07.....	2A5
ASTM D1056 Suffix's.....	A1, B2, C1, F1, M
ASTM D6576-07.....	Type II A, B, Firm
MIL-R-6130C	II-A Firm
MIL-C-3133C MIL STD 670 B.....	SCE20
FLAMMABILITY SPECIFICATIONS	
UL94 HF-1.....	LISTED ¹
FMVSS-302.....	(.068" or Thicker)
¹ Contact customer service for thickness data.	
ADDITIONAL INFORMATION	
Service Temperature	-40°F to 150°F

For updates to this document, please refer to our website or contact customer service.

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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