

**TYPICAL PROPERTIES OF
SBE42VN**

POLYMER

PVC/NITRILE

SPECIFICATIONS

ASTM D 1056-68.....	SBE42
ASTM D 1056-07.....	2B2
MIL-R-6130C TY/GR/CONDITION.....	II-A SOFT/MEDIUM
MIL-C-3133C MIL STD 670 B.....	SBE7

FLAMMABILITY SPECIFICATIONS

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

¹ ¹ Contact customer service for thickness data.

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D 1056	psi kPa	5 - 9 34 - 62
DENSITY	ASTM D 3575	pcf g/cm ³	5 - 9 .080 - .140
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D 1056	%	5
TEMPERATURE RANGE	N/A	°F	-20 TO +160
HIGH INTERMITTENT	N/A	°F	+220
TENSILE STRENGTH	ASTM D 412 (DIE A)	psi kPa	80 552
ELONGATION MINIMUM	ASTM D 412 (DIE A)	%	120
ACCEL. AGING (7 DAYS@158°F) FLEXIBILITY (NO CRACKING) APPEARANCE CHANGE CHANGE IN COMPRESSION DEFLECTION	ASTM D 1056	N/A 180° BEND N/A %	PASS NONE ±30
THERMAL CONDUCTIVITY	ASTM C 177-85	K FACTOR	.30
COLOR	N/A	N/A	BLACK

RESISTANCE TO:

ACID	EXCELLENT	OZONE	EXCELLENT
ALKALI	GOOD	KETONES	POOR
GASOLINE AND OIL	EXCELLENT	CHLORINATED SOLVENTS	GOOD
AROMATIC HYDROCARBONS	GOOD	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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