

**TYPICAL PROPERTIES OF
SBE41VN**

POLYMER

PVC/NITRILE

SPECIFICATIONS

ASTM D 1056-67.....SBE41
 ASTM D 1056-07.....2B1
 ASTM D6576-00 / MIL-R-6130C TYPE/GRADE/CONDITION.....II-A-SOFT
 MIL-C-3133C & MIL-STD-670B.....SBE3

FLAMMABILITY SPECIFICATIONS

FMVSS-302.....PASS
 UL-94 HF-1.....PASS*
 * NOT UL LISTED

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	2.0 - 5.0 14 - 34
DENSITY	ASTM D1056	pcf g/cm ³	4.0 - 8.0 .064 - .128
WATER ABSORPTION MAXIMUM	ASTM D1056	%	5
TENSILE STRENGTH MINIMUM	ASTM D412 (DIE A)	psi kPa	80 552
ELONGATION MINIMUM	ASTM D 412 (DIE A)	%	150
HEAT AGING (7 DAYS-158° F) CHANGE IN COMP. DEFL	ASTM D1056	%	+/- 30
COMPRESSION SET MAXIMUM	ASTM D1056	%	25
FLUID IMMERSION MAX	ASTM D1056	%	100
THERMAL CONDUCTIVITY	ASTM C 177	K FACTOR	.30
TEMPERATURE RANGE	N/A	°F	-20 TO +160
HIGH INTERMITTENT	N/A	°F	+220
COLOR	N/A	N/A	BLACK

RESISTANCE TO:	
ACID.....	EXCELLENT
ALKALI.....	GOOD
GASOLINE AND OIL.....	EXCELLENT
AROMATIC HYDROCARBONS.....	GOOD
OZONE.....	GOOD
KETONES.....	POOR
CHLORINATED SOLVENTS.....	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. Issue 3 12/11/09

