

**TYPICAL PROPERTIES OF
SCE42NEO**

POLYMER

NEOPRENE

SPECIFICATIONS

ASTM D 1056-68.....SCE42
 ASTM D 1056-78.....RE42
 ASTM D 1056-85, 91, 98.....2C2
 MIL-R-6130C TY/GR/CONDITION.....II-A SOFT/MEDIUM

FLAMMABILITY SPECIFICATIONS

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

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D 1056	psi kPa	5 - 9 35 - 63
DENSITY	ASTM D 3575	pcf g/cm ³	7 - 11 .112 - .176
WATER ABSORPTION MAX. WEIGHT CHANGE	ASTM D 1056	%	5
TENSILE STRENGTH	ASTM D 412 (DIE A)	psi kPa	90 630
ELONGATION MINIMUM	ASTM D 412 (DIE A)	%	150
ACCEL. AGING (7 DAYS@158°F) FLEXIBILITY (NO CRACKING) CHANGE IN COMPRESSION DEFLECTION	ASTM D 1056	180° BEND %	PASS ±30
FLUID IMMERSION	ASTM D 1056	MAX WEIGHT CHANGE %	250
COMPRESSION SET @50% (B2 OR B3)	ASTM D 1056	% MAX	25
TEMPERATURE RANGE	N/A	°F °C	-40 TO +150 -40 TO +66
HIGH INTERMITTENT	N/A	°F °C	+200 +93
THERMAL CONDUCTIVITY	ASTM C 177-85	K FACTOR	.38
COLOR	N/A	N/A	BLACK

RESISTANCE TO:	
ACID.....EXCELLENT	OZONE.....FAIR
ALKALI.....EXCELLENT	KETONES.....FAIR
GASOLINE AND OIL.....FAIR	CHLORINATED SOLVENTS.....POOR
AROMATIC HYDROCARBONS.....FAIR	OXIDATION.....EXCELLENT

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