

Typical Properties of NS42

Closed Cell Sponge Rubber (Neoprene / EPDM Blend)

POLYMER

NEOPRENE/EPDM/POLYMERIC BLEND

RECOGNIZED TO UL 50E, UL 157, UL 508 AND UL 94HF-1
ALSO LISTED TO CANADIAN LISTING CAN/CSA C22.2 NO. 017-92

MATERIALS ARE MANUFACTURED TO ASTM-D-1056 AND OTHER RELATED ASTM STANDARDS.
(ASTM specifies physical performance, not polymers nor polymer content.)

PROPERTIES	RESULT
COLOR	BLACK
DENSITY (PCF APPROXIMATE)	6 +/- 2
ASTM-D-1056-67 & 68 GRADE #	SCE42
ASTM-D-1056-91 & 07 SAE J18-R7/92	2C2
COMPRESSION SET, SUFFIX B2 25% MAXIMUM	PASS
COMPRESSION DEFLECTION @ 25% DEFLECTION	5 - 9 PSI
WATER ABSORPTION BY WEIGHT MAXIMUM ASTM METHOD	5% (10% ALLOWED)
TEMPERATURE RESISTANCE LOW °F / HIGH °F (see note)	-40 / +250
ELONGATION % MIN	150
HEAT AGING, 7 DAYS @ 158°F +/- 30% MAX CD CHANGE	PASS
TENSILE STRENGTH MIN.	100 PSI
OZONE 20% STRESS, 72 HRS @ 100 PPHM, ASTM-D-1171-94; 1149-91; GM6086M; GM4486P; CHRYSLER MSAY 527	PASS
OIL RESISTANCE, FLUID IMMERSION E1, 7 DAYS @ 23°C OR 74°F	PASS
FLAME RESISTANCE TO UL 94 HF1, FMVSS302	PASS UL #E208679
FLAME RESISTANCE TO CAN/CSA C22.2 #017-92	PASS UL #E208679
UL 50E, UL 157, & UL 508	PASS UL #JMLU2 MH10200

NOTE - Under certain conditions, values greater than -40 / +250 are possible.

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