

Typical Properties of NE41 Closed Cell Sponge Rubber (Neoprene)

POLYMER

NEOPRENE

(CERTIFIED TO MOST RECENT REVISION OF ASTM D-1056 AND SAE J18)

PROPERTIES	RESULT
COLOR	BLACK
DENSITY (PCF APPROXIMATE)	7 - 13
ASTM-D-1056-67 ⁽¹⁾	SCE41
ASTM-D-1056-07	2C1
SAE J18-02	2C1
GM 6086M ⁽³⁾	II
GMN1106 ⁽³⁾	II
25% COMPRESSION DEFLECTION	2 - 5 PSI
WATER ABSORPTION BY WEIGHT	5%
TEMPERATURE RANGE	-70 to 200°F
ELONGATION TYPICAL	150%
TENSILE STRENGTH TYPICAL	60 PSI
WEATHER RESISTANCE UV OZONE	EXCELLENT FAIR
FUEL B RESISTANCE %	250
ACCELERATED LINEAR SHRINKAGE (TYPICAL)	5%
SHORE 00 DUROMETER (APPROXIMATE)	30 - 50
FLAMMABILITY: FM VSS No. 302 ASTM D 6576 UL 94 HBF UL 94 HF1	PASS PASS PASS (UL LISTED) PASS (UL LISTED)

⁽¹⁾ Obsolete specification listed for reference only - certified to the most recent revision of ASTM D-1056 and SAE J18.

⁽³⁾ Certain sections of this specification will not apply to all products.

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4400 Walden Avenue | Lancaster, NY 14086
Phone 716-684-7600 | Fax 716-684-0760

seals@sealingdevices.com | WWW.SEALINGDEVICES.COM