

# Typical Properties of NE42

## 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)	8 - 14
ASTM-D-1056-67 <sup>(1)</sup>	SCE42
ASTM-D-1056-00	2C2
SAE J18-02	2C2
GM 6086M <sup>(3)</sup>	II
GMN1106 <sup>(3)</sup>	II
25% COMPRESSION DEFLECTION	5 - 9 PSI
WATER ABSORPTION BY WEIGHT	5%
TEMPERATURE RANGE	-70 to 200°F
ELONGATION TYPICAL	130%
TENSILE STRENGTH TYPICAL	70 PSI
WEATHER RESISTANCE    UV OZONE	EXCELLENT FAIR
FUEL B RESISTANCE %	250
ACCELERATED LINEAR SHRINKAGE (TYPICAL)	5%
SHORE 00 DUROMETER (APPROXIMATE)	40 - 60
FLAMMABILITY: FM VSS No. 302 ASTM D 6576	PASS PASS

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

<sup>(3)</sup> Certain sections of this specification will not apply to all products.

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