



TYPICAL PROPERTIES OF
C42NBR

POLYMER

Nitrile Butadiene Rubber

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	5 – 9 34.4 - 62.1
DENSITY	ASTM D1056	pcf g/cm ³	8 .128
WATER ABSORPTION (MAX)	ASTM D1056	%	5
TENSILE STRENGTH (MIN)	ASTM D412 (DIE A)	psi kPa	100 689.4
ELONGATION (MIN)	ASTM D412 (DIE A)	%	140
Compression Set (MAX)	ASTM D1056	%	25
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
COLOR	N/A	N/A	BLACK

SPECIFICATIONS
ASTM D1056-67.....SBE42 ASTM D1056-07.....2B2 ASTM D1056 Suffix's..... F1, M
FLAMMABILITY SPECIFICATIONS
FMVSS-302.....PASS
ADDITIONAL INFORMATION
Service Temperature -40°F to 250°F

For updates to this document, please refer to our website or contact customer service.

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.

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