

TYPICAL PROPERTIES OF  
**C42NBR**

POLYMER

NITRILE BUTADIENE (NBR)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	5 – 9 34.4 - 62.1	ASTM D1056-67.....SBE42 ASTM D1056-07.....2B2 ASTM D1056 Suffix's..... F1, M
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	8 .128	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	
TENSILE STRENGTH (MIN)	ASTM D412 (DIE A)	psi kPa	125 862	
ELONGATION (MIN)	ASTM D412 (DIE A)	%	175	
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30	
COLOR	N/A	N/A	BLACK	
				<b>FLAMMABILITY SPECIFICATIONS</b>
				FMVSS-302.....PASS
				<b>ADDITIONAL INFORMATION</b>
				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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