

TYPICAL PROPERTIES OF
C41NBR

POLYMER

Nitrile Butadiene Rubber

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	2 – 5 13.8 - 34.4	ASTM D1056-67.....SBE41 ASTM D1056-07.....2B1 ASTM D1056 Suffix's..... F1, M
DENSITY	ASTM D1056	pcf g/cm ³	7 .112	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	
TENSILE STRENGTH (MIN)	ASTM D412 (DIE A)	psi kPa	70 482.6	
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	
				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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