

Typical Properties of C42NBR

Polymer	Nitrile Butadiene Rubber		
ASTM D1056 Classification	2B2		
ASTM D1056 Suffix Compliances	B2, F1, M		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	8 pcf	128.1 kg/m ³
Compression Deflection 25%	ASTM D1056	5 – 9 psi	34.4 – 62.1 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	100 psi Min	689.4 kPa Min
Elongation	ASTM D412	140 % Min	140 % Min
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Fluid Immersion	ASTM D1056	50% Max	50% max
Flammability	FMVSS-302	Pass	
Service Temperature	-40 to 250 F		

Contact customer service for specification inquiries.

Disclaimer: This information is furnished as a guide for selecting materials. Rubberlite Inc. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.