

Typical Properties of Durafoam™ C45NEO

Polymer	100% Neoprene		
ASTM D1056 Classification	2C5		
ASTM D1056 Suffix Compliances	A1, A2, A3, B2, C1, F2, M		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	22 pcf	.352 g/cm ³
Compression Deflection 25%	ASTM D1056	17–25 psi	117.2 – 172.3 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	150 psi	1034.2 kPa
Elongation	ASTM D412	250 %	250 %
Fuel B Resistance	ASTM D1056	150%	150%
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability	FMVSS-302	Pass @ .063" or Thicker	
Flammability	UL-94 HF-1	Pass @ .063" or Thicker (Not UL Listed)	
Service Temperature	-70 to 200 F		

Features and Benefits

- **Non Sulfur Cured**
- **100% Neoprene**
- Manufactured in the USA
- Excellent UV and Ozone Resistance

¹ 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.