

Closed Cell Neoprene / EPDM Blend Sponge Datasheet

Product Code: RC02110-1413 S.C. REF: TRC07

Material Description

Our EPDM Neoprene sponge rubber blend is a high-quality, closed-cell material that is suitable for use in a variety of sealing applications. This material is a co-polymer of EPDM and Neoprene, which combines the excellent resistance of EPDM with the additional fuel and oil resistance of Neoprene.



Available In -



Technical Specification

Properties	Test Method	Values
Product	-	Closed Cell Neoprene/EPDM Sponge
Compound	-	CR/EPDM
ASTM D1056-14 Classification	2C2 B3 M	-
Hardness (Shore OO)	-	40° - 45°
Density	ASTM D3575	115 - 155 Kg/m ³
Tensile Strength	ASTM D412	480 - 530 kPa
Elongation at Break	ASTM D412	180 - 220%
Compression Set (25%, 22hrs @ 23°C)	ASTM D1056	2 - 4%
Compression Set (50%, 22hrs @ 23°C)	ASTM D1056	15 - 35%
Compression Deflection (25%)	ASTM D1056	20 - 40 kPa
Compression Deflection (50%)	ASTM D1056	50 - 70 kPa
Shrinkage (22hrs @ 70°C)	ASTM D573	8 - 12%
Temperature Range (Constant)	-	-40°C to +75°C
Temperature Range (Intermittent)	-	+90°C
Water absorption (Max Weight Change)	ASTM D1056	1 - 3%
Flame Resistance (>3mm)	FMVSS302	Pass
Environmental Protection	-	CFC & HCFC FREE

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.