

Open Cell EPDM Sponge Material Datasheet

Product Code: RC02107-801

Material Description

Our open cell epdm sponge is an incredibly versatile, high-performance sealing material. It offers many of the same properties found in a closed-cell material in terms of durability as well as resistance to weathering, UV and Ozone deterioration. However, as an open cell material it offers superior flexibility and recovery without deformation when pressure is released.

Technical Specification



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Properties	Test Method	Values
Product	-	Open Cell EPDM Sponge
Compound	-	EPDM
Density	ASTM D1056-07	70-100 kg/m ³
Tensile Strength	ASTM D412	120 kPa
Elongation at Break	ASTM D412	190%
Compression Set (50%, 22hrs @ 23°C)	ASTM D1056-07	16%
Compression Deflection (25%)	ASTM D1056-07	2-4kPa
Compression Deflection (50%)	ASTM D1056-07	5-8 kPa
Temperature Range (Constant)	-	-30°C to +120°C
Flame Resistance (>3mm)	FMVSS302	Self Extinguishing
Ozone Test (200 +/-5pphm, 20%, 72hrs @ 40°C)	ASTM D1149	No Cracks

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