

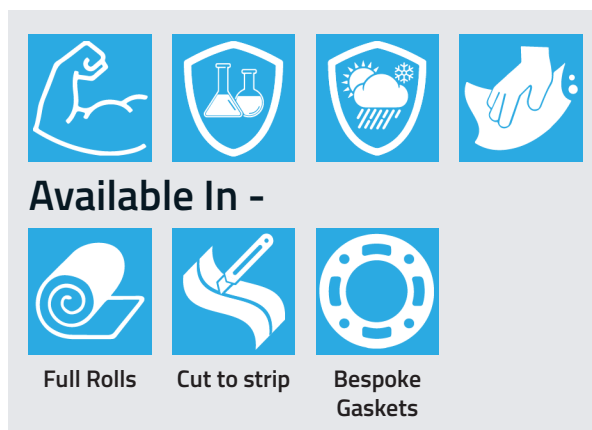
Genuine Evazote Foam Material Datasheet

Product Code: RC02116-EVAZOTE

Product Description

Genuine Evazote foam offers superior softness, toughness and resilience compared to Plastazote. Evazote is a highly durable closed cell, cross-linked ethylene copolymer foam. This material is available in two main grades; EV and VA with the difference between the two being the proportional makeup of the ethylene vinyl acetate copolymer.

Technical Specification



Properties	Test Method	Values			
Density	BS ISO 7214 2012	30 kg/m ³	35 kg/m ³	45 kg/m ³	50 kg/m ³
Cell Size	-	0.4 mm	0.5 mm	0.3 mm	0.4 mm
Compression 25%	BS ISO 7214 2012	39 kPa	52 kPa	71 kPa	50 kPa
Compression 50%	BS ISO 7214 2012	100 kPa	118 kPa	144 kPa	116 kPa
Compression Set (25% ½hr)	BS ISO 7214 2012	13%	10%	14%	9%
Compression Set (25% 24hrs)	BS ISO 7214 2012	4%	3%	4%	2%
Tensile Strength	BS ISO 7214 2012	520 kPa	545 kPa	704 kPa	749 kPa
Elongation at Break	BS ISO 7214 2012	205%	145%	144%	243%
Tear Resistance	BS ISO 8067 2008	1675N/m	1970N/m	-	2880N/m
Hardness (Shore OO - 10mm cell thickness)	BS ISO 868 2003	40°	50°	57°	46°
Recommended Operating Temperature	-	65°C	70°C	65°C	65°C
Water Absorption	ISO 2896 2001	<1%	<1%	-	<1%
Electric Conductance Volumetric Resistivity	ASTM D991-89	-	-	2294Ω.cm	-

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