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Specification Sheet / 01

A311 Closed Cell Expanded Neoprene



ISO9001, ISO14001, ISO45001
Certificate Ref: 11739

Property	Measure	Value
Colour	Black	
ASTM D1056	2c2	
Density	kg/m ³	104/175
Compression Deflection ASTM D1056 07	kpa	35-65
Compression deflection NFR 99211	kpa	80-160
Compression set 50%/22 hrs/40°C	%	19 (%)
Water Absorption	ASTM D1056-07	=<5%
Linear Shrinkage after 7 days at 70°C		< 7 %
Ultimate Elongation	ASTM D 3575 : 2008	150 +/- 20%
Tensile Strength	ASTM D 3575 : 2008	>350
Tear Resistance	ISO 34-1 (B-a) / ASTM D624 DIE C	2.4 kn/m
Ozone Resistance	ISO-1431-1	20% Elongation/ 30°C/ 200 pphm No cracking
Fire Resistance	UL94	94 HB
Temperature Range	Continuous (7 Days)	-40°C to +100°C
Temperature Range	Intermittent (5 hours)	up to 115°C
Compression Deflection ASTM D1056-07	kpa	35-65
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Environmental Protection		Recyclable

Change Control Date	Change
26/07/2013	Created
23/11/22	Updated



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

