

# Specification Sheet (Superceded) / 01 A311 FR Closed Cell Expanded Neoprene



ISO9001, ISO14001, ISO45001  
Certificate Ref: 11738

Property	Unit	Result	Test Method
Appearance Density	kg/m <sup>3</sup>	140 kg	ASTM D1056 61-67
Spring hardness	0	20	KSM 6660:2006
Tensile strength	kg/m <sup>3</sup>	5.5	ASTM D412
Elongation at break	%	165	ASTM D412
Compression deflection 25 % deflection	kPa	48	ASTM D1056 17-22
Compression deflection after oven ageing change from original limits %	%	22	ASTM D1056 16-22
Compression set 50 % deflection 22 h 23 °C	%	23	ASTM D1056 49-67
Low temp flex 5h -40 °C		Pass	ASTM D1056 59-60
Flammability characteristics 100m/min max 100mm/min		Pass	ASTM D5132 100 UL 94HF-1 equivalent
Water absorption	%	0.26	ASTM D1056 42-48
Product category			2C2
Specimen			Die A type of ASTM D412

Change Control Date	Change
02/08/2013	Created



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 WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.  
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

