

Specification Sheet (Superceded) / 01 A320 / 100 Black Closed Cell EPDM Sponge



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Requirement / Specification	Specification Limits	Typical Value
Size - skin / skin (mm)	2000 x 1000 x 54 (±4)	
Compression @ 25% Deflection (kPa) ASTM D1056-00	15 - 35	30
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160	92
Density (kg/M ³) ISO 845-95	100 ± 20	105
Compression Set (50%22h20°C) ASTM D1056-00	25% Max.	22.1%
Water absorption, max. change in weight (%) ASTM D1056-00	10	1.4
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	± 30%	Pass
Flammability FMVSS 302	Burn Rate < 100mm	Pass
Flammability UL94 HBF		Pass
Elongation at Break (%) ISO 1798-7	N/A	>180
Tensile Strength (KN/M ²) ISO 1798-7	N/A	> 200
Temperature Range (Low - High)	N/A	-40 TO + 70 °C
High Intermittent	N/A	+90 °C.
Resistance to Air + UV		Excellent
Resistance to Oil		Poor
Resistance to Acids		Good
Environmental Protection		CFC and HFC free / Can be recycled
Specification	ASTM D1056-00 AFNOR 99-211	2A2 B2C 2C08/3C08 B3 C2
This material passes the 3C08 requirements but the majority polymer is EPDM		

Change Control Date	Change
16/08/2013	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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

