

Specification Sheet / 01 A316 ECO Closed Cell EPDM Sponge -



ISO9001, ISO14001, ISO45001
Certificate Ref: 11739

Property	Test Method	Result
Colour	.	Black
Size - skin / skin	.	2000mm x 1000mm x 70mm
Density	ISO 845	95 ± 25 kgm ³
Hardness	ASTM D 2240	30-50 Shore 00
Compression Deflection @ 25%	ASTM D1056	20-50 kPa
Compression Deflection @ 50%	NF R 99-211	80-160 kPa
Compression Set (50% 22h)	ASTM D1056 @ 23°C	less than or equal to 35%
Compression Set (50% 22h)	ASTM D1056 @ 40°C	less than or equal to 80%
Vacuum water absorption	ASTM D 1056	less than or equal to 10%
Accelerated ageing 7d at 70°C (158°F)	ISO 188 ASTM D 1056	- 5 % / 0 % - 30 % / + 30 %
Dimensional stability	FORD WSK-M2D419-A	- 5 % / +1 %
Ultimate elongation	ISO 1798 type 1	122 %
Tensile Strength	ISO 1798 type 1	479 kPa * / 69.5 psi *
Tear resistance	ISO 34-1 (B-a) / ASTM D624 DIE C	1.2 kN/m
Ozone resistance	ISO 1431-1	> 336 h No cracking
Temperature range	5h (intermittent)	+ 120° C
Fire Resistance	FMVSS 302 (49 CFR Ch. V § 571.302) / ISO 3795 UL 94	Pass = 4,5 mm HBF = 9 mm
Resistance to Acids	Good	
Regulatory Information	REACH 1907/2006 (EU) ; 2000/53/EC ; ROHs 2011/65 & 2015/863 (EU) ; IMDS ; GADSL ;	Conflict minerals Free ; Ozone Depleting Substances Free ; Asbestos Free ; Recoverable
Classification	ASTM D 1056 NF R 99211 / Renault 03-10-102 /PSA B67 1016	2A1/2 A1 B3 C2 F1 M1 P 2 C 08 A1 B3 C2 P2

Change Control Date	Change
01/12/22	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.

