

Specification Sheet / 01 A322 Neo/Epdm Blend UL94



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Requirement / Specification	Specification Limits	Test Method
Specification/ Standards	2A1/2 A2 B2 C2 F1 M P	ASTM D1056-07
	3C 08 A1 B3 C2 G2 P2	NF R 99211-80 / Renault 03-10-102 / PSA B67 1016
Flame resistance	Pass > 2.5mm	FMVSS 302 (49 CFR Ch. V 571.302) ISO 3795
Flame resistance	Pass U.L.#E486812	UL 94 HF1
Density	130 ± 20 kg/m ³	ISO 845
Hardness	30 - 50 SHORE 00	ASTM D 2240
Compression - Deflection	@25% 20-50 kPa / 2.9-7.2 psi	ASTM D 1056-07
	@ 50% 80-160 kPa / 12-23 psi	ASTM D 1056-07
Compression Set	22h / 50% / 23°C (70°F) < 26%	ASTM D 1056-07 NF R 99-211-80
	22h / 50% / 40°C (105°F) < 81%	ASTM D 1056-07 NF R 99-211-80
Vacuum-water absorption	< 11 %	ASTM D 1056-07
Accelerated ageing 7d at 70°C (158°F)	Dimensional change -7% / 0%	ASTM D 1056-07 ISO 188
	Change of compression resistance -30% / +30%	ASTM D 1056-07 ISO 188
Dimensional stability	Change of dimension after 3 h at 80 °C -5% / +1%	FORD WSK-M2D419-A
Ultimate elongation	165% (Average value)	ISO 1798
Tensile strength	478 kPa / 65.7 psi *	ISO 1798
Tear resistance	1.7 kN/m / 9.9 Lbf/in *	ISO 34-1 (B-a) ASTM D624 DIE C
Ozone resistance	20% elongation / 40°C (104°F) / 200 pphm >168h No cracking	ISO 1431-1
Temperature range	Constant -40° C / +100° C	7 Days
	Intermittent +115° C	5 h
Block size 2 skins	2000 x 1000 x 50 mm	2000 x 1000 x 65 mm **
Logistics / identification	Blue + Blue	Color code
Environmental protection	RECYCLABLE	(EC) N° 1907/2006 (REACH) 2000/53/EC_2011/65/EU(ROHs) IMDS_GADSL_CFC free

* = average value

** = Minimum thickness 2 skins within the specified surface

The above given information should be considered as a guide but cannot be regarded as an engagement from our side

Change Control Date	Change
24/10/2023	Updated
30/07/2013	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.

