

Specification Sheet / 01 A311 Closed Cell Expanded Neoprene



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

| 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 |
| Environmental Protection | | Recyclable |

| Change Control Date | Change |
|--------------------------------------|---------|
| 26/07/2013 | Created |
| 23/11/22 | Updated |
| Compression Deflection ASTM D1056-07 | kpa |
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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.

