

Specification Sheet / 01

A344 PE/EVA 125KG Closed Cell Cross-Linked Foam Block



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

| Description | Standard | Value | Unit |
|-------------------------------|------------|----------|-----------------------|
| Density | ISO 845 | 125 | Kg/m ³ |
| Tensile strength | ISO 1798 | 1655 | kPa |
| Elongation | ISO 1798 | 168 | % |
| Compression 10% | ISO 844 | 178 | kPa |
| Compression 20% | ISO 844 | 225 | kPa |
| Compression 50% | ISO 844 | 352 | kPa |
| Compression Set - 0.5 Hrs | ISO 1856 | 4.0 | % |
| Compression Set - 24 Hrs | ISO 1856 | 2.0 | % |
| Compression Set 50% - 0.5 Hrs | ISO 1856 | 8.0 | % |
| Compression Set 50% - 24 Hrs | ISO 1856 | 5.0 | % |
| Working Temperature Range | Internal | -60 / 80 | °C |
| Water Absorption %Vol (max) | Internal | 1 | % |
| Water Vapour Transmission | ISO 1663 | 1.50 | g/m ² *24h |
| Thermal Conductivity at 10°C | ASTM C177 | 0.0600 | W/mK |
| Thermal Conductivity at 40°C | ASTM C177 | 0.0700 | W/mK |
| Shore - A | ASTM D2240 | 34 | A |
| Shore - OO | ASTM D2240 | 79 | oo |

Approved for food contact - FDA approved - CFR 21 , SII 5113

Tolerances other than the above may be negotiated.

Dimensional stability 24 hr at 70C < 2%.

If holes were created during the foaming process, no more than 5 holes of diameter 2mm per 1m2 sheet are acceptable.

| Change Control Date | Change |
|---------------------|---------|
| 15/08/2013 | 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.

