



SPECIFICATION SHEET

DK1735 Expanded Neoprene Sponge Rubber

| Desc. | Standard | Value | Unit |
|--|-----------------|-----------------|-------------------|
| ASTM D1056-14 Classification | 2C3 B2 M | | |
| Density | ASTM D3575 | 150-200 | Kg/m ³ |
| Compression Deflection (25%) | ASTM D1056 | 60-90 | kPa |
| Compression Deflection (50%) | ASTM D1056 | 100-130 | kPa |
| Compression Set (25%/22h/23°C) – After 24hrs | ASTM D1056 | 1-3 | % |
| Compression Set (50%/22h/23°C) – After 24hrs | ASTM D1056 | 8-15 | % |
| Shrinkage (22h/70°C) | ASTM D573 | 3-7 | % |
| Shore Hardness | | 50-60 | 00 |
| Elongation | ASTM D412 | 150-200 | % |
| Temperature Range (Constant) | | -40 / +80 | °C |
| Temperature Range (Intermittent) | | +100 | °C |
| Water Absorption (Max Weight Change) | ASTM D1056 | 1-2 | % |
| Tensile Strength | ASTM D412 | 680-750 | kPa |
| Flame Resistance (>3mm) | FMVSS302 | Pass | |
| Environmental Protection | | CFC & HCFC FREE | |

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.

We recommend evaluation prior to use to ascertain the suitability of the material for the application.

Unit 21 & 23 Regal Drive, Walsall Ent Park, Walsall, WS2 9HQ
Tel : 01922 723740 – Fax : 01922 724284 – Email : sales@[alanto.co.uk](mailto:sales@alanto.co.uk)