



SPECIFICATION SHEET

60 kg/m³ Closed Cell PE Foam

| Desc. | Standard | Value | Unit |
|------------------------------|------------|----------|-------------------|
| Density | ISO 845 | 60 | Kg/m ³ |
| Tensile strength | ISO 1798 | 629 | kPa |
| Elongation | ISO 1798 | 185 | % |
| Compression 10% | ISO 844 | 105 | kPa |
| Compression 25% | ISO 844 | 123 | kPa |
| Compression 50% | ISO 844 | 200 | kPa |
| Working Temperature Range | Internal | -60 / 90 | °C |
| Water Absorption % Vol (Max) | Internal | 1 | % |
| Thermal Conductivity at 10°C | ASTM C177 | 0.0400 | W/mK |
| Thermal Conductivity at 40°C | ASTM C177 | 0.0430 | W/mK |
| Shore-A | ASTM D2240 | 19 | A |
| Shore-OO | ASTM D2240 | 70 | OO |
| * Flammability (≥ 5mm) | FMVSS302 | Pass | |

*** All data is based on a 10mm thick sample, except flammability**

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.

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