

**MATERIAL DATA SHEET**

Material Reference	<b>AKA316 (F)</b>
Description	<b>CLOSED CELL EXPANDED EPDM</b>



Property	Result
Density (kg/m <sup>3</sup> ) ISO 845-95	120 ± 20 (116)
Compression @ 25% Deflection (kPa) ASTM D1056	35 – 65 (42)
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 – 160 (112)
Compression Set (50% 22h) ASTM D1056-00 @ 20°C	<25% (21.1)
Water Absorption, Maximum change in weight (%) ASTM D1056-00	<10% (0.9)
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	± 30% (Pass)
Flammability FMVSS 302	Burn Rate < 100mm (Pass)
Elongation at Break (%) ISO 1798-7	150%
Tensile Strength (kN/m <sup>2</sup> ) ISO 1798-7	300
Temperature Range	-40°C to +70°C
Temperature – High Intermittent	+90°C
Resistance to Air and UV	Excellent
Resistance to Oil	Poor
Resistance to Acids	Good
Environmental Protection	CFC and HFC Free. Can be recycled
Specification ASTM D1056-00 AFNOR	2A1/2 B2CP
Specification NF-R99-211-80	2CO8 B3 C2

The figures and test data on this datasheet are average values and the result of many years of tests and trials.

As the company's products are used for a multiplicity of purposes, and as the company has no control over the method of their application or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose.

Any technical co-operation between the company and the customer is given for the customer's assistance only and without liability on the part of the company.