



## AL800 OPEN CELL EPDM FOAM RUBBER

## MATERIAL SPECIFICATION SHEET

| Property   | Test Method                | Typical Value           | Unit              |
|--|----------------------------|-------------------------|-------------------|
| Density  | ASTM D 3575 : 2008         | 65 +/- 10% <sub>s</sub> | kg/m <sup>3</sup> |
| Tensile Strength                                       | ASTM D 3575 : 2008         | 115 +/- 10%             | kPa               |
| Elongation   | ASTM D 3575 : 2008         | 200 +/- 25%             | %                 |
| Compression Strength 25% Deflection                    | ASTM D 1056 : 2007         | 1.5 +/- 10%             | kPa               |
| Compression Strength 50% Deflection                    | ASTM D 1056 : 2007         | 2.5 +/- 10%             | kPa               |
| Compression Set (23°C +/- 2°C, 22h, 50%)               | ASTM A 1056 : 2007         | 19%                     | %                 |
| Water Absorption                                       | ASTM D 1056 : 2007         | 4 +/- 10%               | %                 |
| Heat Aging Test (100°C +/- 1°C, 72h)                   | Change in Tensile Strength | 25 +/- 10%              | %                 |
| Heat Aging Test (100°C +/- 1°C, 72h)                   | Change in Elongation       | 25 +/- 10%              | %                 |
| Ozone Resistance (50+/- 5pphm, 40°C +/- 2°C, 20%, 72h) | ASTM D 1149 : 2007         | No Cracking             |                   |
| Flammability / Burning Rate                            | FMV SS 301                 | Self-Extinguishing      |                   |

The above figures are average values and should be considered as guidelines not specifications. We recommend evaluation prior to use to ascertain the suitability of the material for the application.



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