



Cellular Materials Shaping The Future

Xcellite_i 3997

Tentative Typical Data Sheet

Engineered Foam Description Soft closed cellular rubber
 Polymer EPDM
 Standard Color Black (Please call for optional colors)
 ASTM D1056 Classification 2A1 (optional suffixes can be added)

| Physical Property | Target | Units | Test Method |
|-------------------------------------|-----------------|---------------------|---------------|
| Density | 56 - 144 | kg/m ³ | ASTM D1056 |
| | 3.5 - 9.0 | lbs/ft ³ | |
| Compression Deflection, 25% | 15 - 35 | kPa | ASTM D1056-07 |
| | 2 - 5 | psi | |
| Compression Set, 50% RT | 25 | % | ASTM D1056 |
| Tensile | 150 | kPa | ASTM D1056 |
| | 22 | psi | |
| Elongation | 200 | % | ASTM D1056 |
| Water Absorption | 10 max. | % | ASTM D1056 |
| Flammability, burn rate | 100 max. | mm/min. | FMVSS 302 |
| | 4 max. | in./min. | |
| Temperature Use: Hot ¹ | 148 / 300 | °C / °F | |
| : Cold | -54 / -65 | °C / °F | ASTM D1056 |
| Gauge ^{2,3} skin two sides | 3 and above | mm | ASTM D1056 |
| | 0.118 and above | in. | |

NOTE:

- 1 - For intermittent exposure only
- 2 - Please contact customer service 574.284.1000 for additional sizes including widths, skin one side and no skin surfaces.
- 3 - RMA Class 3 surfaces

SAE J18 2A1

Will be tested to -

MS-AY430 Type II

GMW15473 Class 1 Type 3 with deviations

GM6086M IB with deviations

For details or information on additional standards please contact customer service.

The technical service information presented on this Typical Data Sheet has been derived from data using standardized test methods/practices. Fostek Corp. does not control the end use/modification of its products and therefore does not represent or warrant its products to be suitable for any specific end use. Fostek recommends that its material be tested for fitness of use and safety in the manner in which it may be utilized.