



| PHYSICAL PROPERTIES | TEST METHOD | UNITS | VALUE | |
|-----------------------------------|-------------------------|-----------------------|-----------|----|
| Density - Nominal | ASTM D3575 - Suffix W | lb/ft ² | 1.8 | |
| Tensile Strength - M.D. | ASTM D3575 - Suffix T | PSI | 39.5 | |
| Tensile Strength - T.D. | ASTM D3575 - Suffix G | PSI | 35.1 | |
| Tear Strength - M.D. | ASTM D3575 - Suffix T | lb/ft ² | 11.1 | |
| Tear Strength - M.D. | ASTM D3575 - Suffix G | lb/ft ² | 11.4 | |
| Elongation at Break - M.D. | ASTM D3575 - Suffix T | % | 155 | |
| Elongation at Break - T.D. | ASTM D3575 - Suffix T | % | 165 | |
| Shore Hardness | ASTM D2440 | 00 | 51 | |
| Compression Deflection - 25% | ASTM D3575 - Suffix D | PSI | 5.4 | |
| Compression Deflection - 50% | ASTM D3575 - Suffix D | PSI | 13.6 | |
| Compression Set | 25% ·1/2 hr. | ASTM D3575 - Suffix B | % | 14 |
| | 25% ·24 hrs. | ASTM D3575 - Suffix B | % | 8 |
| | 50% ·1/2 hr. | ASTM D3575 - Suffix B | % | 35 |
| | 50% ·24 hr. | ASTM D3575 - Suffix B | % | 26 |
| Working Temperature Range | Internal | °F | -76 / 194 | |
| Water Absorption, 7 days | Internal | % Vol | 1 | |
| Thermal Conductivity, 50° F | ASTM C177 | BTU ¹ | 0.271 | |
| Thermal Conductivity, 104° F | ASTM C177 | BTU ¹ | 0.303 | |
| Flammability >1/4 in. | FMVSS302 | 4 in./min. | PASS | |
| Thermal Stability, 24 hrs., 158°F | ASTM D3575 - Suffix - B | % | 2 | |

Fuzion 1.8 lb/ft³ STD · 29 kg/m³

Fuzion is a closed cell chemically crosslinked polyethylene foam in roll form. Data represents typical values and should be considered as a guideline only. The information above on FUZION chemically crosslinked polyethylene foam is presented to the best of our knowledge.

MSDS sheets available upon request.

1. in./hr./ft² °F