



Vizion 8 lb/ft³ STD 1-step

128 kg/m³

Effective Date: 2/17/2015

| PHYSICAL PROPERTIES | | Test METHOD | IMPERIAL UNITS | VALUES | METRIC UNITS | VALUES |
|--|------------|-----------------------|--------------------|-----------|-------------------|----------|
| Density - Nominal | | ASTM D3575 - Suffix W | lb/ft ³ | 8 | kg/m ³ | 128 |
| Tensile Strength | | ASTM D3575 - Suffix T | PSI | 252 | kPa | 1740 |
| Tear strength | | ASTM D3575 - Suffix G | lbf/in | 38.2 | N/mm | 6.69 |
| Elongation at Break | | ASTM D3575 - Suffix T | % | 177 | % | 177 |
| Shore Hardness | | ASTM D2240 | A | 42 | A | 42 |
| Compression Deflection | 25% | ASTM D3575 - Suffix D | PSI | 42.8 | kPa | 295 |
| | 50% | | PSI | 65.7 | | 453 |
| Compression Set | 50%, 24 hr | ASTM D3575 - Suffix B | % (max) | 12 | % (max) | 12 |
| Working Temperature Range | | | °F | -76 / 194 | °C | -60 / 90 |
| Water Absorption, 7 days | | DIN 54328 | % Vol (max) | 1 | % Vol (max) | 1 |
| Flammability, >1/4" | | FMVSS302 | 4"/min | PASS | 100 mm/min | PASS |
| Thermal Stability, 24hrs at 158°F (70°C) | | ASTM D3575 - Suffix S | % | < 2 | % | < 2 |

VIZION is a closed cell chemically crosslinked polyethylene foam in bun form.
MSDS sheets available upon request.

Data represents typical values and should be considered as a guideline only.
Imperial data is converted from the metric results measured by testing according to ASTM standards.
The information above on VIZION chemically crosslinked polyethylene foam is presented to the best of our knowledge.

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