



SC-31
Static Control Crosslinked Polyethylene

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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| PHYSICAL PROPERTIES | | TEST METHOD | VALUES | USA UNITS | VALUES | METRIC UNITS |
|---------------------------|----------|------------------------|------------------------------------|--------------------|------------|-------------------|
| Density - Nominal | | ASTM D3575 | 3 | lb/ft ³ | 48 | kg/m ³ |
| Tensile Strength | | ASTM D3575 | 50 | psi | 344 | kPa |
| Tear Strength | | ASTM D3575 | 9.8 | lb/in | 175 | kg/m |
| Elongation | | ASTM D3575 | 49 | % | 49 | % |
| Firmness | | ASTM D2240 | 33 | Asker C | 33 | Asker C |
| Compressive Stress | | | | | | |
| Compression Set | 50% 24hr | ASTM D3575 Suffix B | <15 | % | <15 | % |
| Compression Strength | 25% | ASTM D3575 Suffix D | 11 | psi | 76 | kPa |
| | 50% | | 22 | | 152 | |
| Working Temperature Range | | Internal Test | -40 to 225 | °F | -40 to 107 | °C |
| Water Absorption 7 Days | | ASTM-D1667 | 0.0125 | Lbs./sq.ft | | |
| Flammability | | FMVSS302 | Pass | Pass/Fail | 1.56"/min | |
| Surface Resistivity | | Internal | 10 ⁵ to 10 ⁹ | | | |

For bun size and color availability, please see the color and sizing chart, or contact us at info@worldwidefoam.com or visit www.worldwidefoam.com

*Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standards.

The data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.