



**XI-30**  
Irradiated Crosslinked Polyethylene

Corporate Headquarters:  
1806 Conant St.  
Elkhart, IN 46516  
www.worldwidefoam.com  
[Info@worldwidefoam.com](mailto:Info@worldwidefoam.com)



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 sued for specification development.

Ph: 574-968-8268 Fax: 574-970-0926

| PHYSICAL PROPERTIES                  |          | TEST METHOD            | VALUES        | USA UNITS          | VALUES        | METRIC UNITS      |
|--------------------------------------|----------|------------------------|---------------|--------------------|---------------|-------------------|
| Density - Nominal                    |          | ASTM D3575             | 3             | lb/ft <sup>3</sup> | 48            | kg/m <sup>3</sup> |
| Tensile Strength (Machine Direction) |          | ASTM D3575             | 100           | psi                | 689           | kPa               |
| Tear Strength (Machine Direction)    |          | ASTM D3575             | 11            | lb/in              | 196           | kg/m              |
| Elongation (Machine Direction)       |          | ASTM D3575             | 158           | %                  | 158           | %                 |
| Firmness (Machine Direction)         |          | ASTM D2240             | 31            | Asker C            | 31            | Asker C           |
| Compressive Stress                   |          |                        |               |                    |               |                   |
| Compression Set                      | 50% 24hr | ASTM D3575<br>Suffix B | <20           | %                  | <20           | %                 |
| Compression Strength                 | 25%      | ASTM D3575<br>Suffix D | 7             | psi                | 48            | kPa               |
|                                      | 50%      |                        | 18            |                    | 124           |                   |
| Working Temperature Range            |          | Internal Test          | -100 to 215   | °F                 | -73.33 to 102 | °C                |
| Water Absorption 7 Days              |          | ASTM-D1667             | .05           | Lbs./sq.ft         |               |                   |
| Flammability                         |          | MVSS302                | Does Not Pass |                    |               |                   |

For roll size and color availability, please see the color and sizing chart, or contact us at [info@worldwidefoam.com](mailto:info@worldwidefoam.com) or visit [www.worldwidefoam.com](http://www.worldwidefoam.com)

| Colors and Thicknesses Available |                    |
|----------------------------------|--------------------|
| Colors                           | Charcoal & Natural |
| Thicknesses                      | 0.063"             |

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

Test methods available upon request. All data is typical and not to be considered specification values. *Worldwide Foam, Ltd.*, cannot predict or control the different conditions under which this information and our products may be applied. Therefore, we do not guarantee the applicability or the suitability of our foams nor the accuracy of this information. There is no warranty either expressed or implied on our products. Buyer assumes all responsibility for loss or damage arising from the use of our products, whether done in accordance with direction or not. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Users of our products should perform testing to determine their efficiency and suitability prior to use.