

## OP-30

### Open Cell 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	1.9*	lb/ft <sup>3</sup>	30*	kg/m <sup>3</sup>
Tensile Strength		ASTM D412	19	psi	130	kPa
Tear Strength		ASTM D624	5.7	lb/in	102	kg/m
Elongation		ASTM D412	180	%	180	%
Firmness		ASTM D2240	N/A	Asker C	N/A	Asker C
Compressive Stress						
Compression Set	25% 24hr	ASTM D1056	<12	%	<12	%
Compression Strength	25%	ASTM D1056	2	psi	14	kPa
	50%		N/A		N/A	
Working Temperature Range		Internal Test	N/A	°F	N/A	°C
Water Absorption 7 Days		ASTM-D1667	N/A	lbs./sq.ft		
Flammability		FMVSS302	N/A	Pass/Fail	N/A	Burn Rate

For bun 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)

\*The tolerance on the open cell is +/- 10 kg/ m<sup>3</sup> or between 1.25 lb / ft<sup>3</sup> - 2.5 lb / ft<sup>3</sup>.

\*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.