



## **Plastazote® WZ-30**

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.

Corporate Headquarters:

1806 Conant St.

Elkhart, IN 46516

[www.worldwidefoam.com](http://www.worldwidefoam.com)

[Info@worldwidefoam.com](mailto:Info@worldwidefoam.com)

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

PHYSICAL PROPERTIES		TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal		BS ISO 7214:1998	1.9	lb/ft <sup>3</sup>	30	kg/m <sup>3</sup>
Tensile Strength		BS ISO 7214:1998	59	psi	405	kPa
Tear Strength		BS EN ISO 8067: 2008 Method A	677	N/m	677	N/m
Elongation		BS ISO 7214:1998	151	%	151	%
Firmness 10mm cell/cell thickness		ISO 868:1985	56	Shore OO	56	Shore OO
<b>Compressive Stress</b>						
Compression Set	25% 24hr	BS ISO 7214:1998	1/2 hr recovery 10.5	%	24 hr recovery 3	%
	50% 24hr		1/2 hr recovery 24		24 hr recovery 14.5	
Compression Strength	25%	ASTM D3575 Suffix D	9	psi	63	kPa
	50%		19		130	
Working Temperature Range °C		Internal Test	-70 to 100			
Water Absorption 7 Days		ASTM-D1667	N/A	Lbs./sq.ft	N/A	
Flammability		FMVSS302	Pass at 8mm	Pass/Fail	<100 mm/min	Burn Rate
Thermal Conductivity		ISO 8301:1991	BTU in/ (hr ft <sup>2</sup> F)	0.270	0.039	W/mK

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)

\*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.