



Plastazote® WZ-40

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		BS ISO 7214:1998	2.5	lb/ft ³	40	kg/m ³
Tensile Strength		BS ISO 7214:1998	81.95	psi	565	kPa
Tear Strength		BS EN ISO 8067: 2008 Method A	2485	N/m	2485	N/m
Elongation		BS ISO 7214:1998	174	%	174	%
Firmness 10mm cell/cell thickness		ISO 868:1985	60	Shore OO	60	Shore OO
Compressive Stress						
Compression Set	25% 24hr	BS ISO 7214:1998	4	%	4	%
	50% 24hr		13		13	
Compression Strength	25%	ASTM D3575 Suffix D	13.20	psi	91	kPa
	50%		23.64		163	
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	Pass/Fail	3.4"/min	Burn Rate

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.