



## XP-80R

### 1 Stage 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	9	lb/ft <sup>3</sup>	144	kg/m <sup>3</sup>
Tensile Strength		ASTM D3575	185	psi	1276	kPa
Tear Strength		ASTM D3575	35	lb/in	625	kg/m
Elongation		ASTM D3575	80	%	80	%
Firmness		ASTM D2240	65	Asker C	65	Asker C
Compressive Stress						
Compression Set	50% 24hr	ASTM D3575 Suffix B	<12	%	<12	%
Compression Strength	25%	ASTM D3575 Suffix D	50	psi	345	kPa
	50%		75		517	
Working Temperature Range		Internal Test	-40 to 225	°F	-40 to 107	°C
Water Absorption 7 Days		ASTM-D1667	0.0134	Lbs./sq.ft		
Flammability		FMVSS302	Pass at .09"	Pass/Fail	3.59"/min	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)

\*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.