



SC-41

Static Control Crosslinked Polyethylene

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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	4	lb/ft ³	64	kg/m ³
Tensile Strength		Internal	52.2	psi	360	kPa
Tear Strength		ASTM D3575	15	lb/in	268	kg/m
Elongation		Internal	≥50	%	≥50	%
Firmness		ASTM D2240	41	Asker C	41	Asker C
Compressive Stress						
Compression Set	50% 24hr	ASTM D3575 Suffix B	N/A	%	N/A	%
Compression Strength	25%	ASTM D3575 Suffix D	11	psi	75.84	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	N/A	
Flammability		FMVSS302	Pass @ 0.25"	Pass/Fail		
Surface Resistivity		Internal	10 ⁶ - 10 ⁹			

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.