

Product Data Sheet

Product name: 3lbs, 4lbs, and 6lbs Minicell Foam

Description:

- Closed cell chemically crosslinked polyethylene foam in bun form
- Black or white colors available

			FOAM TYPE			
PHYSICAL PROPERTIES		TEST METHOD	UNITS	3LBS DENSITY	4LBS DENSITY	6LBS DENSITY
Density - Nominal		ASTM D3575 - Suffix W	lb/ft³	3	4	6
Tensile Strength		ASTM D3575 - Suffix T	PSI	72.6	99.0	137
Tear Strength		ASTM D3575 - Suffix G	lbf/in	16.6	21.8	30.1
Elongation at Break		ASTM D3575 - Suffix T	%	323	306	268
Shore Hardness		ASTM D2240	00	63	71	
			A			27
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	13.9	21.2	25.2
	50%		PSI	23.1	31.8	37.7
Compression Set	25%, ½ hr	ASTM D3575 - Suffix B	% (max)		10.0	8
	25%, 24 hr				3.5	3
	50%, ½ hr				28.5	23
	50%, 24 hr			14.6	12.5	11
Working Temperature Range			°F	-76 / 194	-76 / 194	-76 / 194
Water Absorption, 7 days		DIN 53428	% Vol (max)		1	1
Flammability, >1/4"		FMVSS302	4"/min	PASS	PASS	PASS
Thermal Stability, 24hrs at 158°F (70°C)		ASTM D3575 - Suffix S	%	2	2	2

Data represents typical values and should be considered as a guideline only.

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