

Minicell Foam.

2pcf 32.04 kg/m³

Physical Properties	Test Method	Values	USA Units	Values	Metric Units	
Density-Nominal	ASTM D3575	2.00	Lb/ft ³	32.04	Kg/m ³	
Density Range	ASTM D3575	1.8-2.5		28.8-40.9		
Tensile Strength	ASTM D412	54.50	Psi	375.76	kPa	
Elongation at Break	ASTM D412	237.00	%	237.00	%	
Tear Resistance	ASTM D624	12.90	Lb/in	230.37	Kg/m	
Hardness Shore OO	ASTM D2240	52.70	Shore OO	52.70	Shore OO	
Compressive Stress						
Compressive Set	25% ½hr	ASTM D3575 Suffix B	Pending	%	Pending	%
	25% 24hr		Pending		Pending	
	50% ½hr		35.28		35.28	
	50% 24 hr		18.16		18.16	
Compressive Strength	10%	ASTM D3575 Suffix D	Pending	Psi	Pending	kPa
	25%		8.50		58.61	
	40%		Pending		Pending	
	50%		19.30		133.07	
Working Temperature Range	Internal Test	-40 to 212	°F	-40 to 100	°C	
Water Absorption 7 days	Internal Test	Pending	% Vol (max)	Pending	% Vol (max)	
Flammability	FMVSS 302	Pass		PASS		
Thermal Conductivity at 50°F	ASTM C177	Pending	W/mK	Pending	W/mk	
Thermal Stability (24 HRS @158°F)	ASTMD3575	Pending	% of change	Pending	% of change	

*The information above on MINICELL Chemically cross linked polyethylene foam is presented to the best of our knowledge.

*Data represents typical values measured on 0.4" thick specimen and should be considered as a guideline only.

* This product data sheet is effective (insert date) and supersedes all previously published data.

MINICELL chemically cross linked polyethylene foam is manufactured by PXL Cross linked foam Corporation Exclusively for Foam N' More

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