

Vulcan Vultracell Foam Mechanical Properties

Physical Properties	Units	Test Method	VC 2	VC 4	V C6	VC 9	VC 12
Hardness, Duro A	---	ASTM D 2240	---	---	25-35	35-45	45-55
Density	Lb/cu ft	ASTM D 3575	1-3	3-5	5-7	8-10	11-13
Compression Deflection 25%	psi	ASTM D 1056	6	20	35	45	55
Compression Set	% of Original	ASTM D 1056	30	25	20	15	15
Tensile Strength	psi	ASTM D 412	25	100	170	200	370
Elongation	percent	ASTM D 412	50	50	150	150	175
Tear Strength, Die C	lb/in	ASTM D 624	7	20	30	35	60
Water Absorption	lb/sq ft	ASTM D 3575	<0.01	<0.01	<0.01	<0.01	<0.01
Resilience	percent	ASTM D 2632	50	30	30	35	35
Thermal Stability	percent	ASTM D 3575	2	2	2	2	2
Approx. Sheet Size	inches		48x96	48x96	50x80 36x64	48x90 40x75	42x78

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This data represents typical results from normal production runs. It is not offered as an exact or guaranteed specification. The customer should determine for himself the suitability of these products for his needs.