



**MAIN CHARACTERISTICS OF ARAMID HONEYCOMB**  
**TYPICAL PROPERTIES**  
**FORM: Hexagonal - Rectangular**

Type	Cell Size (inch)	Weight (PCF)	Compression	Plate Shear			
			Strength (PSI)	Strength (PSI"L"dir)	Strength (PSI"W"dir)	Modulus (KSI"L"dir)	Modulus (KSI"W"dir)
I	1/8	3.00	279.92	182.75	89.92	5.80	3.33
I	1/8	4.00	484.43	248.00	136.33	7.83	4.49
I	1/8	5.00	662.83	307.48	200.15	10.29	5.22
I	1/8	6.00	923.90	333.59	226.26	12.03	6.38
I	3/16	2.00	114.58	87.00	46.41	4.35	2.03
I	3/16	3.00	290.08	172.59	89.92	5.80	3.33
I	3/16	4.00	475.73	216.10	152.29	7.54	4.64
I	3/16	6.00	896.34	284.27	237.86	9.86	6.52

All the data furnished above is indicative.

Type: I = Industrial

Cell shape: Hexagonal

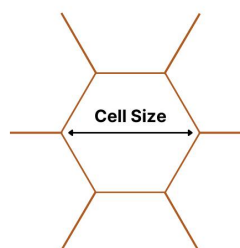
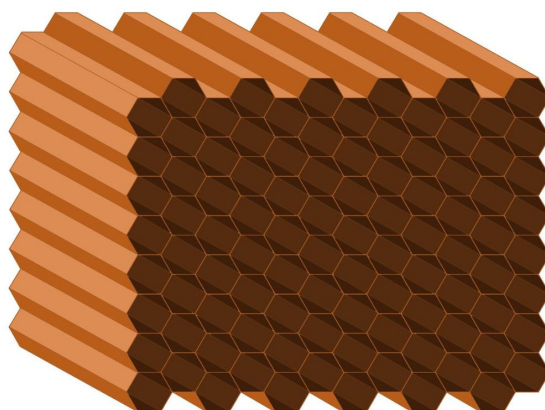
Cell size: Cell diameter, quoted in inches, e.g. 1/8 inch =  $(1/8 \times 25.4) = 3.175$  mm

Weight: Density in pounds per cubic feet, e.g. 3.00 pcf =  $(3.00 \times 16) = 48$  kg/m<sup>3</sup>

Max recommended processing temperature: 250 °C

Recommended application temperature range (for the final product:) -55 °C ~ +175 °C

Min sheet size: 2445 X 1250 mm



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**SALES & ORDER PROCESSING**  
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