

Material: Nomex® paper  
 Coating: Phenolic resin

Properties		Test method	Typical / Min values
Cell size	mm	-	4.8
Density	kg / m <sup>3</sup>	MIL-STD-401	48
Compression strength unstabilized/bare	N / mm <sup>2</sup>	MIL-STD-401 DIN 53291	2.2 / 1.4
Compression strength stabilized	N / mm <sup>2</sup>	MIL-STD-401 DIN 53291	N/A
Plate shear strength / L-direction	N / mm <sup>2</sup>	MIL-STD-401 DIN 53294	1.05 / 0.75
Plate shear modulus / L-direction	N / mm <sup>2</sup>	MIL-STD-401 DIN 53294	45 / 30
Plate shear strength / W-direction	N / mm <sup>2</sup>	MIL-STD-401 DIN 53294	0.53 / 0.40
Plate shear modulus / W-direction	N / mm <sup>2</sup>	MIL-STD-401 DIN 53294	23.5 / 17.5

This table presents typical data of mechanical properties.

Testing conditions: RT = 20 ± 3 °C, R.H. = 50 ± 5 %.

All values were determined on a flat sheet of honeycomb, values may vary in formed condition of the honeycomb.

Data sheet conforms to thickness 12.7 mm (0.5 inch).

Standard delivery dimensions:      Width:      1220 ± 50mm  
    Length:      2440 ± 75mm  
    Thickness:    up to 850 mm ± 0.13 mm

This table comprises values obtained from limited experience and tests and is believed to be accurate yet without acceptance of liability for loss or damage incurred and attributable to reliance thereon as conditions of use lie outside our control. The user is responsible to perform own tests to determine the suitability of this product for its intended application.

We reserve the right for technical changes without further notice.