

Material: Aluminum 3003 H19, foil thickness: 80 μm

Coating: ZrOx

Properties		Test method	Typical values
Cell size	mm	-	6.4
Density	kg / m ³	MIL-STD-401	88
Compression strength unstabilized/bare	N / mm ²	MIL-STD-401 DIN 53291	4.25
Compression strength stabilized	N / mm ²	MIL-STD-401 DIN 53291	N/A
Crush strength	N / mm ²	NHTSA TP-214D-02	1.850 (ave range 1.720-2.100)
Plate shear strength / L-direction	N / mm ²	MIL-STD-401 DIN 53294	1.9
Plate shear modulus / L-direction	N / mm ²	MIL-STD-401 DIN 53294	290
Plate shear strength / W-direction	N / mm ²	MIL-STD-401 DIN 53294	1.25
Plate shear modulus / W-direction	N / mm ²	MIL-STD-401 DIN 53294	140
Flammability		IMO Res. A. 472(XII)	non-combustible

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 15.88 mm (0.625 inch).

Standard delivery dimensions:

- Width: 1250 ± 50mm
- Length: 2500 ± 75mm
- Thickness: up to 115 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.