



Technical Data Sheet

Aramid honeycomb 29 kg/m³ (Aero)

BENEFITS

- Excellent mechanical properties in relation to weight
- High dimensional stability under heat and humidity
- High temperature resistance, service temperatures up to 180° C
- Uniform product texture due to very good resin-paper bond
- Self-extinguishing and low smoke emission
- Corrosion resistant to water, oils and paraffin

MATERIAL

- Non-metallic structural materials made of NOMEX® T412 paper
- Bonded together and coated with a phenolic resin

APPLICATIONS

- Important structural sandwich applications in the aerospace industry.
- The aramid honeycombs meet the requirements of the aviation specifications

HONEYCOMP TYPE	Compressive strength (MPa)		Shear strength (MPa)		Shear modulus (MPa)	
	unstabilised	stabilised	L	W	L	W

HEXAGONAL CONFIGURATION



C1 - 3.2

- 29

0.56

0.75

0.45

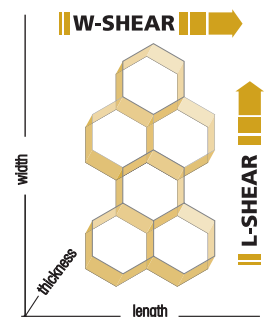
0.3

15.0

11.0

Honeycomb density: the permissible tolerance is +/- 13% of the stated density. The technical data listed are exemplary and not binding.

C1 - 3.2	- 29
Meta-Aramid paper C1 coated with phenolic resin	cell width in mm
	density in kg/m ³



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