

Temporary Technical Data Sheet

Tubus Honeycomb PP 8,0-80 FR T30F75 2000S

Sandwich honeycomb mat manufactured from extruded polypropylene, laminated with a polyester fleece 30 g/m² and a polypropylene film (thickness 75 µm).

flame baffling adjustment (without halogen),

inflammability class B1 according to DIN 4102, part 1 as per test certificate.

Range of core height 10,0 mm to 40,0 mm

Tube diameter 8,0 mm, density average 80 kg/m³.

Colour nature

The raw materials are without heavy metals according to the wrecked cars regulation.

Processing: Cold pressing and hot pressing with different face sheets in combination with suitable adhesive systems, particularly for the manufacturing of panels.

Application and processing within a fibre composite technique with reinforced duroplastic resin systems (manual operation, fibre injection method).

Feature	Unit	Test standard	Value
Tube diameter	mm	-	8,0
Density average	kg/m ³	-	82,0 1)
Compressive strength	MPa	EN ISO 844:2004	2,00
Compressive modulus	MPa	EN ISO 844:2004	80,0
Shear strength	MPa	DIN 53294 2)	0,70 2)
Shear modulus	MPa	DIN 53294 2)	12,0 2)
Temperature range of application	°C	-	-30 / + 80
Core height range	mm		10,0 bis 40,0
Max.	mm		40,0
Min.	mm		10,0
Core height tolerance	mm		+/- 0,35
Width (standard range)	mm		1200
Width max	mm		1500 3)
Width min	mm		100 3)
Width tolerance	mm		+/- 4,0 mm
Length (standard)	mm		2700
Length max	mm		unlimited 4)
Length tolerance	mm		+/- 4,0

1) Density specification refer to the measurement at the block

2) The strain is determinate by traverse path.

3) On inquiry

4) Manufacturing and delivery by running meters, ordered lengths have to comply with the conditions of packing and transport.

Liability disclaimer: The above specifications are correct to the best of our knowledge and shall give information about our products and their applications. No warranty is given for specific product properties or their suitability for a particular application.