

## Temporary TECHNICAL DATA SHEET

### Tubus Honeycomb PP 8,0-80 T40F140

Sandwich honeycomb mat manufactured from extruded polypropylene, laminated with a polyester fleece 40 g/m<sup>2</sup> and a polypropylene film (thickness 140 µm).

Tube diameter 8,0 mm, density average 80 kg/m<sup>3</sup>.

Colour nature.

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

Use in the fibre lamination-technology with reinforced thermosetting resin-systems, specifically for injection processing (RTM).

Feature	Unit	Test standard	Value
Tube diameter	mm	-	8,0
Density average	kg/m <sup>3</sup>	-	80,0 1)
Compressive strength	MPa	EN ISO 844:2004	1,50
Compressive modulus	MPa	EN ISO 844:2004	80,0
Shear strength	MPa	DIN 53294 2)	0,50 2)
Shear modulus	MPa	DIN 53294 2)	13,0 2)
Temperature range of application	°C	-	-30 / + 80
Core height range	mm		7,0 bis 65,0
Max.	mm		70,0 3)
Min.	mm		5,0 3)
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.