

Temporary TECHNICAL DATA SHEET

Tubus Honeycomb PP 8,0-80 T30F140

Sandwich honeycomb mat manufactured from extruded polypropylene, laminated with a polyester fleece 30 g/m² and a polypropylene film (thickness 140 µm).

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

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 ³ | - | 80,0 1) |
| Compressive strength | MPa | EN ISO 844:2004 | 1,60 |
| 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.