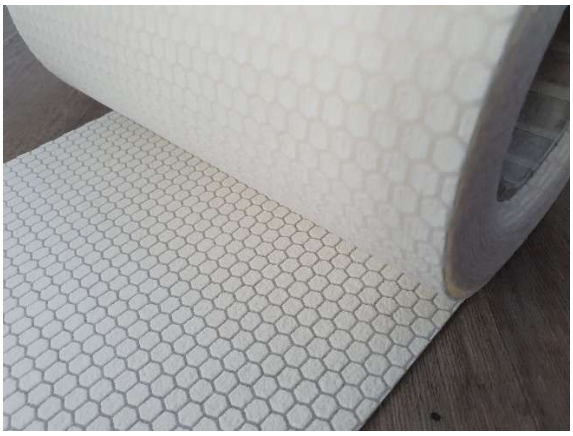
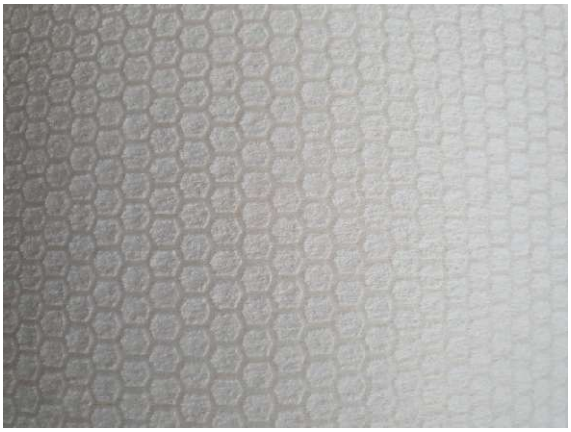
**One source for all your core material needs:**

# Coretech PM





| Advantages | Applications | Processing |
|---|---|---|
| • Cell size: 8 mm<br>• Core and infusion medium<br>• Pressure resistant<br>• Good bonding with skin layers | • Marine<br>• Transportation<br>• Leisure<br>• Industrial<br>• Wind energy | • Vacuum infusion, LRTM, RTM<br>• Compatible with common resin types such as UP, VE, EP |

| Properties | Unit | PM 1,5 | PM 2,0 | PM 3,0 | PM 4,0 | PM 5,0 | PM 6,0 |
|---|---|---|---|---|---|---|---|
| Thickness | mm | 1,5 | 2,0 | 3,0 | 4,0 | 5,0 | 6,0 |
| Thickness loss at 0,8 bar | % | < 8 | < 8 | < 8 | < 8 | < 8 | < 8 |
| Roll length | m | 80 | 80 | 50 | 40 | 30 | 25 |
| Roll width | m | 1,27 | 1,27 | 1,27 | 1,27 | 1,27 | 1,27 |
| Max. processing temperature | °C | 175 | 175 | 175 | 175 | 175 | 175 |
| Dry weight | g/m² | 125 | 140 | 180 | 250 | 330 | 350 |
| Resin uptake | g/m²/mm | 400 - 500 | 400 - 500 | 400 - 500 | 400 - 500 | 400 - 500 | 400 - 500 |
| Density impregnated | kg/m³ | 500 - 600 | 500 - 600 | 500 - 600 | 500 - 600 | 500 - 600 | 500 - 600 |

| Mechanical Properties (with UP resin) | Unit | Value | Test Method |
|---|---|---|---|
| Flexural strength | Mpa | 8,5 | ASTM D790 |
| Flexural modulus | Mpa | 900 | ASTM D790 |
| Tensile strength across layers | Mpa | 4,5 | ASTM C297 |
| Compression strength: 10%strain | Mpa | 8 | ISO 844 |
| Shear strength | Mpa | 4 | ASTM C273-61 |
| Shear modulus | Mpa | 38 | ASTM C273-61 |

Disclaimer: Technical data provided by the manufacturer. All tests have been carried out by an independent laboratory. All information contained in this document regarding our products, processes and equipment, is intended to be up to date, accurate, and complete ; it is subject to modifications without prior notification ; it does not constitute a commitment, neither a contractual document. Time Out Composite oHG makes no warranties of any kind regarding these materials or information. It is the user's and/or purchaser's responsibility to assess suitability of said material and carry out sufficient testing for its intended purpose. Time Out Composite oHG will not assume any liability from use or misuse of data presented herein

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