

Technical data sheet

HUP 24/57 RB-9500

material properties

| characteristics | method | unit | value |
|-----------------------------|-------------|-------------------|------------------|
| surface weight | ISO 10352 | g/m ² | 3.350 |
| fibre mass content | ISO 1172 | % | 57 |
| fibre length | PA 3.01 | mm | 25/50 |
| curing time | ISO 12114/1 | sec. | 80 |
| specific density | ISO 1183 A | g/cm ³ | 1,80 |
| shrinkage | ISO 2577 | % | 0,06 |
| flexural modulus | ISO 14125 | N/mm ² | 15.500 |
| flexural strength | ISO 14125 | N/mm ² | 350 |
| tensile strength | ISO 527-4 | N/mm ² | 170 |
| impact strength | ISO 179 | KJ/m ² | 170 |
| heat distortion temperature | ISO 75-2° | °C | > 200 |
| specific volume resistance | IES 60093 | Ohm x cm | 10 ¹³ |
| surface resistance | IEC 60093 | Ohm | 10 ¹⁴ |
| tracking resistance | IEC 60112 | level | CTI 600 |
| water absorption | ISO 62 | mg | < 50 |

Properties were determined on compression-moulded specimens according DIN EN 14598

storage and processing conditions

| | |
|----------------------|---|
| storage condition | store dry at max. 25 °C and out of direct sun light |
| moulding time | > 25 sec./mm |
| moulding pressure | 100 bar |
| moulding temperature | 140 - 155 °C |

This technical leaflet issued in the month of July 2015 replaces any other version printed before.

Disclaimer: The information on this product data sheet is based on our most up-to-date knowledge.

However, it is the user's responsibility to determine the suitability of a product for their application.

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