

Technical data sheet

HUP-LW 91246/33 RN-7035

material properties

| characteristics | method | unit | value |
|-----------------------------|------------|-------------------|--|
| surface weight | ISO 10352 | g/m ² | 4.000 |
| fibre content | ISO 1172 | % | 33 |
| fibre length | PA 3.01 | mm | 25 |
| specific density | ISO 1183 A | g/cm ³ | 1,48 |
| shrinkage | ISO 2577 | % | 0,04 |
| flexural modulus | ISO 14125 | N/mm ² | 8.200 |
| flexural strength | ISO 14125 | N/mm ² | 145 |
| tensile strength | ISO 527-4 | N/mm ² | 65 |
| impact strength | ISO 179 | KJ/m ² | 50 |
| heat distortion temperature | ISO 75-2° | °C | > 200 |
| fire resistance | DIN 5510 | level | S4, SR2, ST2 |
| toxicity | DIN 5510 | FED | (t _{zul} =15min) ≤ 1 (t _{zul} =30min) ≤ 1 |
| surface resistance | IEC 93 | Ohm | 10 ¹⁴ |
| tracking resistance | IEC 112 | 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 | > 30 sec./mm |
| moulding pressure | 60 - 70 bar |
| moulding temperature | 135 - 150 °C |

This technical leaflet issued in the month of April 2014 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.

Information and recommendations contained in this document are given in good faith without warranty or guarantee, and it is the user that is responsible for the compliance with all legal requirements.

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