

| properties | test method | Technical data | unit |
|---------------------------------------|-------------|--------------------------|-------------------|
| resin type | | unsaturated polyester | |
| type of reinforcement | | Glas: matt- roving-matt | |
| fibre content | | 50-68 | Gew.-% |
| specific weight | | 1,65-1,95 | g/cm ³ |
| flexural strength | P | 320-360 | N/mm ² |
| flexural strength | S | 150-160 | N/mm ² |
| flexural E-module | P | 7-44 x 10 ³ | N/mm ² |
| tensile strength | P | 200-350 | N/mm ² |
| tensile strength | S | 50-120 | N/mm ² |
| compressive strength | | 240-280 | N/mm ² |
| dielectric constant | | 4 | |
| spec. electrical resistance | | 10 ¹² | Ω x cm |
| penetration resistance | P | 5-10* | KV/mm |
| trickle current resistance | P | 600 | CTI |
| 1-min test-voltage | S | 8 | KV/mm |
| coefficient of thermal expansion | P | 15-25 x 10 ⁻⁶ | K ⁻¹ |
| water absorption | | < 5 | Gew.-% |
| head conductivity | | 0,3 | W/mK |
| recommended temperature limit | | 100-180 | Grad C |
| P= parallel to laminated surface | | | |
| * = depending of Fiber orientation | | | |
| S= perpendicular to laminated surface | | | |

our data sheets and publications should assist you in your consultation. All the values given are average values under normal conditions: they are not to be tips for the support of our clients in the utilization of our products. They do not relieve the client of the requirement to carry out trials on their own with our products to ensure that the products fulfill the posed requirements.

Furthermore we make reference to our general sales, delivery and payment conditions.