

Technical Data Sheet 1101-2

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|-----------------------|-----------|----|
| Standard sizes | 2260x1160 | mm |
| Thickness | 0.8-125 | mm |

| Properties | Test method | Unit | 1101-2 |
|--|-------------|-----------|---------|
| Fibre reinforcement | - | - | mat |
| Specific gravity | ISO 1183 | g/cm3 | 1.78 |
| Standard colour | - | - | white |
| DIN 7735 type | - | - | HM 2471 |
| EN 60893/IEC 893 type | - | - | UPGM201 |
| Nema-LI.1 Grade | - | - | GPO1 |
| Mechanical properties | | | |
| Flexural strength | ISO 178 | MPa | 125 |
| Modulus of elasticity in flexure | ISO 178 | MPa | 7000 |
| Tensile strength | ISO 527 | MPa | 60 |
| Compressive Strength (perpendicular) | ISO 604 | MPa | 180 |
| Impact strength (Charpy) parallel to laminate | ISO 179 | kJ/m2 | 80 |
| Electrical properties | | | |
| Dielectric strength (90°C in oil) perpendicular to laminate | DIN 53481 | KV/mm | 8 |
| Dielectric strength (90°C in oil) parallel to laminate | DIN 53481 | KV | 45 |
| Arc resistance | ASTM D-495 | sec. | 180 |
| Thermal properties | | | |
| Temperature endurance | IEC 60216 | T.I. (°C) | 130 |

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