

Technical data sheet

ISOFORM LIP JD 1F50M_S R7012

Key benefits

Wood Plastic Composite
100 % Recyclable
One side coated with special fleece

General application

Building Industry
Contact layer on formwork boards

| | Test method | Unit | Value |
|--|------------------------------|-------------------|------------------------------|
| General properties | | | |
| Density | DIN 53479 | g/cm ³ | 1,06 |
| Filler content | | % | 40 |
| Mechanical Properties | | | |
| Tensile modulus | ISO 527 | MPa | 2800 |
| Tensile strength | ISO 527 | MPa | 20 |
| Elongation at break | ISO 527 | % | - |
| Flexural modulus | ISO 178 | MPa | 2500 |
| Charpy notched impact strength at 23°C | ISO 179 | kJ/m ² | - |
| Charpy unnotched impact strength at 23°C | ISO 179 | kJ/m ² | n.b. |
| Hardness | ISO 868 | Shore D | 70 |
| Thermal properties | | | |
| Melting temperature | ISO 3146 | °C | 163 |
| Vicat softening temperature - A50 | ISO 306/A50 | °C | - |
| Vicat softening temperature - B50 | ISO 306/B50 | °C | - |
| Heat deflection temperature B (0.45 MPa) | ISO 75B | °C | - |
| Heat deflection temperature A (1.80 MPa) | ISO 75A | °C | - |
| Service temperature (intermittent) | | °C | 150 |
| Service temperature (long term) | | °C | from 0 to 100 |
| Other properties | | | |
| Surface resistivity | LabeOHM | Ω | >10E14 |
| Water absorption | 24h/RT | % | <1,8 |
| Flammability | | | - |
| Mould shrinkage | Compared to a reference form | % | Longitudinal: Transverse: |

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