

Monolux® MST

Technical Data Sheet

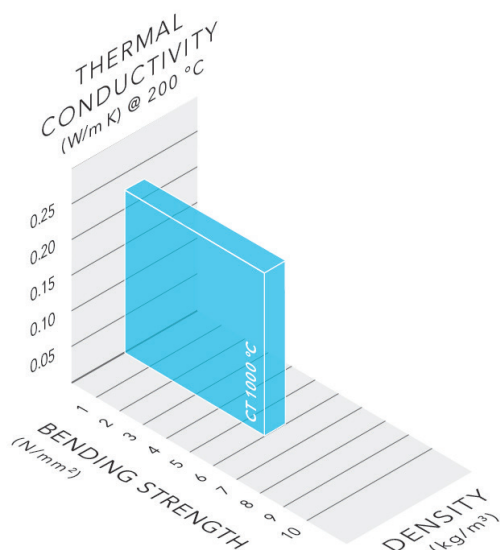
Technical Data

| Properties | Value | Unit |
|------------------------------------|----------------------|-------------------|
| Colour | White / Beige | - |
| Building Material Class (EN 13501) | A1, non-combustible | - |
| Classification Temperature | 1000 | °C |
| Nominal Density | 750 | kg/m ³ |
| Cold Compressive Strength | 18 | N/mm ² |
| Bending Strength | 6 | N/mm ² |
| Shrinkage @ CT - 24h | 0.9 | % |
| Thermal Conductivity: | | |
| - @ 200°C mean | 0.23 | W/m K |
| - @ 400°C mean | 0.22 | W/m K |
| - @ 600°C mean | 0.20 | W/m K |
| - @ 800°C mean | 0.22 | W/m K |
| Specific Heat Capacity | 0.96 | kJ/kg K |
| Reversible Thermal Expansion | 7.4x10 ⁻⁶ | m/m K |

Product Tolerances

| | |
|----------------|-------|
| Length (mm) | ± 1 |
| Width (mm) | ± 1 |
| Thickness (mm) | ± 0.4 |

Thermal Conductivity vs. Compressive Strength vs Density



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