

Trovidur® PHT

Product characteristics

- Uniform physical properties
- High resistance to acids, lyes and salt solutions
- Continuous operating temperature up to 90°

Typical field of application

- Chemical engineering and tank building
- Clean room and semiconductor technology
- Ventilation manufacturing

| | Test method | Unit | Value |
|---|-------------------|----------------------------------|--------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g/cm ³ | 1,64 |
| Water absorption | DIN EN ISO 62 | % | ≤ 3,00 |
| Flammability (Thickness 3 mm / 6 mm) | UL 94 | | - |
| Mechanical properties | | | |
| Elongation at break | DIN EN ISO 527 | % | 15 |
| Tensile modulus of elasticity | DIN EN ISO 527 | MPa | 3000 |
| Shore hardness | DIN EN ISO 868 | scale D | 86 |
| Thermal properties | | | |
| Thermal conductivity | DIN 52612-1 | W / (m * K) | 0,13 |
| Coefficient of linear thermal expansion | DIN 53752 | 10 ⁻⁶ K ⁻¹ | 60-80 |

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.