

Technical Data Sheet

TroBloc® F white

Typical characteristics

- Highly hydrophobic surface
- Easy-to-Clean / Long service life
- Suitable for food preparation areas
- Active side with silver ion technology
- High scratch resistance

Typical industries

- Строительная промышленность
- Пищевая промышленность
- Переработка мяса, рыбы и птицы
- Хлебобулочные и кондитерские изделия

| | Test method | Unit | Guideline value |
|---|-------------------------|---------------------|-----------------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g / cm ³ | 1,41 |
| Water absorption | DIN EN ISO 62 | % | 0,20 |
| Flammability (2,5 mm) | B.S. 476 Part 7 (GB) | | Class 1 |
| Flammability (2,5 mm) | NFP 92-501 (FR) | | M1 |
| Flammability (Thickness 2,5 mm) | BS 476 Part 6 | | Class 0 |
| Flammability (Thickness 2,5 mm) | DIN 4102 | | B1 |
| Mechanical properties | | | |
| Yield stress | DIN EN ISO 527 | MPa | 45 |
| Elongation at break | DIN EN ISO 527 | % | 20 |
| Tensile modulus of elasticity | DIN EN ISO 527 | MPa | 2500 |
| Notched impact strength | DIN EN ISO 179 | kJ / m ² | 6 |
| Shore hardness | DIN EN ISO 868 | scale D | 82 |
| Ball indentation hardness | DIN EN ISO 2039-1 | MPa | 110 |
| Thermal properties | | | |
| Thermal conductivity | DIN EN ISO 8302 | W / (m * K) | 0,16 |
| Vicat softening temperature | DIN EN ISO 306, Vicat B | °C | 74 |
| Service Temperature | | °C | -20 ... +60 |
| Coefficient of linear thermal expansion | DIN EN ISO 11359-2 | mm/m K | ~ 0,075 |

| | Test method | Unit | Guideline value |
|--|------------------|----------|-------------------|
| Electrical properties | | | |
| Dielectric constant | IEC 60250 | | 3,2 |
| Dielectric dissipation factor (10 ⁶ Hz) | IEC 60250 | | 0,02 |
| Volume resistivity | DIN EN 62631-3-1 | Ohm * cm | >10 ¹⁵ |
| Surface resistivity | DIN EN 62631-3-2 | Ohm | >10 ¹³ |

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.

