Technical Data Sheet

TroBloc® M white

Typical characteristics

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

Typical industries

- Healthcare
- Stavební pr mysl

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm³	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	AS/NZS 150.3		2,5 mm
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 / m²	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

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	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.

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