TECHNICAL DATA SHEET

FOREX®classic

GENERAL				
Property	**Method**	**Unit**	**1 - 3 mm**	**4 – 19 mm**
Apparent density (nominal)	ISO 1183-1	kg/m³	700	500
Surface hardness	ISO 868	Shore D	44	40
Water absorption (23°C – 24 h)	ISO 62	%	< 1	
MECHANICAL				
Tensile strength	ISO 527-2	MPa	16	8
E-Modulus (in tension)	ISO 527-2	MPa	800	500
Flexural strength	ISO 178	MPa	22	18
E-Modulus (in flexure)	ISO 178	MPa	1100	650
Compressive strength	ISO 844	MPa	--	4
THERMAL				
Max. service temperature		°C	55	
Coefficient of linear expansion	ISO 11359-2	mm/(m*K)	0.07	
Behaviour in fire	EN 13501-1	Klassifizierung	C-s3, d0	
	NF P 92-501	Klassifizierung	M1	

Note: Technical data of our products are typical ones.
The actually measured values are subject to production variations.

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