



TECHNICAL DATASHEET

**FOREX®LITE**

Foam Polyvinyl Chloride sheets

PROPERTY	UNIT	VALUE		STANDARD	VARIABLE
<b>General</b>		<b>2 - 5 mm</b>	<b>10 mm</b>		
<b>Apparent density (nominal)</b>	kg/m <sup>3</sup>	400	410	DIN EN ISO 1183-1	
<b>Mechanical</b>					
<b>Tensile strength</b>	MPa	8	7	DIN EN ISO 527-1/2	
<b>E-Modulus (in tension)</b>	MPa	600	400	DIN EN ISO 527-1/2	
<b>Flexural strength</b>	MPa	15	16	EN ISO 178	
<b>E-modulus (in flexure)</b>	MPa	700	600	EN ISO 178	
<b>Surface hardness</b>	Shore D	26	32	DIN 53 505	
<b>Thermal</b>					
<b>Max. service temperature</b>	°C	55			
<b>Coëfficiënt of linear expansion</b>	mm/mK	0,07		DIN EN ISO 75-2	
<b>Fire classification</b>					
<b>Fire rating FR</b>		M1		NF P 92-507	
<b>Fire rating EU</b>		C-s3, d0		EN 13501-1	

The technical data given in this sheet correspond to our current state of knowledge and should not be construed as an agreement or guarantee regarding certain properties of our products. The decision on the suitability of a particular material for a specific application is up to the user. We reserve the right to modify the given data. Errors of the given data are reserved.