

Technical data sheet

Material: BMA5 Ident-No.: 01-03-03-84-84-00-00-00

Polymer: Polyvinylidene fluoride

Property	Unit	Value
Density	g cm ⁻³	2,1
Bending strength ^A	N mm ⁻²	39
Bending modulus ^A	N mm ⁻²	12000
Tensile strength ^B	N mm ⁻²	21
Tensile modulus ^B	N mm ⁻²	7500
Elongation at break ^{A,B}	%	0,3
Thermal conductivity ^C	W m ⁻¹ K ⁻¹	20
Spec. electrical resistance ^E	Ω cm	0,0057
Spec. electrical resistance ^F	Ω cm	0,0550
max. operating temperature ^G	°C	<150

A According to DIN EN ISO 178

B According to ISO 527

C At 25°C vertical to the plane of the sheet (through-plane)

D According to ISO 11359-2 vertical to the plane of the panel (through-plane)

E In the plane of the panel (in-plane)

F Vertical to the plane of the panel at a contact pressure of 100 N/cm²

G Derived from the heat deflection temperature according to ISO 75-2

The typical values are updated during production and are based on the latest information. They are intended to provide a general overview of the products and their possible applications. They do not represent guaranteed properties or suitability for extraordinary applications of the described products. All rights of use must be observed.