

Technical data sheet

Material: BMA6-82

Ident-No.: 01-03-03-82-82-00-00-00

Polymer: Polyvinylidenefluoride

Property	Unit	Value
Density	g cm^{-3}	2,1
Bending strength ^A	N mm^{-2}	38
Bending modulus ^A	N mm^{-2}	11800
Tensile strength ^B	N mm^{-2}	20
Tensile modulus ^B	N mm^{-2}	7400
Elongation at break ^{A,B}	%	0,3
Thermal conductivity ^C	$\text{W m}^{-1} \text{K}^{-1}$	30
Spec. electrical resistance ^E	$\Omega \text{ cm}$	0,004
Spec. electrical resistance ^F	$\Omega \text{ cm}$	0,040
max. operating temperature ^G	$^{\circ}\text{C}$	<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

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