

Technical data sheet

Material: A65

Ident-No.: 03-08-27-86-86-00-00-00

Polymer: Polypropylene

Property	Unit	Value
Density	g cm^{-3}	1,8
Bending strength ^A	N mm^{-2}	23
Bending modulus ^A	N mm^{-2}	6400
Tensile strength ^B	N mm^{-2}	14
Tensile modulus ^B	N mm^{-2}	5700
Elongation at break ^{A,B}	%	0,3
Thermal conductivity ^C	$\text{W m}^{-1} \text{K}^{-1}$	14
Spec. electrical resistance ^E	$\Omega \text{ cm}$	0,02
Spec. electrical resistance ^F	$\Omega \text{ cm}$	0,066
max. operating temperature ^G	$^{\circ}\text{C}$	<120

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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