

Technical Information ROEDURTHERM E-300 AS-C (antistatic base material)

Mechanical Properties	Norm	Unit	Values
Flexural strength	ISO 178	MPa	>380
Compression strength, RT	ISO 604	MPa	500

Electrical Properties	Norm	Unit	Values
Surface resistance	IEC 61340-5-1	Ohm	10 ⁵ -10 ¹⁰
Spec. conductance	IEC 93	kOhm/cm	0,5-50

Thermic Properties	Norm	Unit	Values
Thermal conductivity	DIN 52612	W/mK	0,3
Thermal decomposition temperature		°C	>370
Short-term temperature capacity		°C	300

Physical Properties	Norm	Unit	Values
Density	ISO 1183	g/cm ³	1,9
Water absorption 24h 23°C	ISO 62	Mg/%	10/0,03
Chemical resistance			Very good

Thickness	Tolerance to nominal thickness
3-14 mm	According to DIN 40606

Last updated: 2018

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