

As of 04.2023

Technical information ROEDURTHERM E-300 AS-HT (antistatic base material)

Mechanical Properties	Norm	Unit	Values
Flexural strength	ISO 178	MPa	400
Flexural strength at 150°C / 1h	ISO 178	MPa	250
Modulus of elasticity in flexure, RT	ISO 178	MPa	N/A
Compression strength, RT	ISO 604	MPa	280
Tensile strength	ISO 527	MPa	290

Electrical Properties	Norm	Unit	Values
Surface resistance	IEC 61340-5-1	Ohm	10E+5-10E+10

Thermic Properties	Norm	Unit	Values
Thermal conductivity	DIN 52612	W/mK	0.3
Coefficient of linear expansion	DIN 53752	1.0E-6/K	15
Temperature Index (TI)	IEC 60216	°C	180

Physical Properties	Norm	Unit	Values
Density	ISO 1183	g/cm ³	1.9
Water absorption 24h 23°C	ISO 62	Mg/%	10/0.03

Thickness	Tolerance to nominal thickness
3 – 14 mm	According to DIN EN 60893-3-2

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