

OVERVIEW TECHNICAL DATA

DOFLEX[®] CM 30

Product description	Elastic composite material made of calcium silicate fiber and a thin layer of mica
Standard colour	white/golden
Main applications	Electrical and thermal insulation parts for machine engineering and process industry
Delivery program	Sheets, panels and highly precise machined parts and finished components

Physical characteristics

Properties	Test Standard	Unit	Typical value
Specific density	ISO 1183	g/cm ³	0,35

Thermal characteristics

Properties	Test Standard	Unit	Typical value
Operating temperature, continuous	-	°C	1000
Operation temperature, short-term	-	°C	1100
Thermal conductivity	DIN 52612	W/mK	0,1

Electrical characteristics

Properties	Test Standard	Unit	Typical value
Comparative tracking index	IEC 112	-	KA 3 c
Electric strength (1)	IEC 243-1	KV/3 mm	69

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The standard values shown in this data sheet are measured by standard test methods. Depending on operation terms and dimensions the material properties can differ from these values.

Please contact our applications and sales engineers to clarify the suitability of the material for your application.