

**OVERVIEW TECHNICAL DATA**

# DOFLEX<sup>®</sup> MSP H

<b>Product description</b>	Elastic composite material made of resin-bound Phlogopite Mica
<b>Standard colour</b>	grey
<b>Main applications</b>	Electrical and thermal insulation parts for machine engineering and process industry
<b>Delivery program</b>	Sheets, panels and highly precise machined parts and finished components

## Physical characteristics

Properties	Test Standard	Unit	Typical value
Specific gravity	ISO 1183	g/cm <sup>3</sup>	1,7

## Thermal characteristics

Properties	Test Standard	Unit	Typical value
Operating temperature, continuous	—	°C	800
Operation temperature, short-term	—	°C	1000
Coeff. of linear thermal expansion	DIN 51045	10 <sup>-6</sup> x K <sup>-1</sup>	± 60 /    10
Thermal conductivity	DIN 52612	W/mK	0,2

## Electrical characteristics

Properties	Test Standard	Unit	Typical value
Comparative tracking index	IEC 112	—	KA 3 c
Electric strength	IEC 243-1	KV/3 mm	60

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We reserve the right to make changes in the context of further technical developments. The guide values listed in this data sheet are not contractual data.

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