DOGLAS 250M

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Material description

Doglas 250M has high mechanical strength and very good dimensional stability. The material impresses with its high temperature resistance, excellent insulating properties and chemical resistance.

Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	2.05	g/cm3
Sliding friction		◯	
Abrasion resistance		◯	

Thermal properties	Test method	Value	Unit
Thermal conductivity	DIN 52612-2	0.23	W/(m*K)
Coefficient of thermal expansion	DIN 53752	15	10^{-6*K}-1
Operating temperature short term		260	°C
Operating temperature long term		250	°C

Electrical properties	Test method	Value	Unit
Dielectric strength	IEC 60243	39	kV/mm

These technical data have been determined as average values by our suppliers from many individual measurements. In all measurements, the test specimens were tested in the dry state. We pass on the data with reservation. The table does not claim to be complete or correct. Material technology is subject to constant further development. No rights or guarantees can be derived from it. Own tests are necessary because the environmental and operating conditions (humidity, temperature, mechanical forces, radiation and chemicals, etc.) set limits in the application.

Amsler & Frey AG
Feldstrasse 26
5107 Schinznach-Dorf
T +41 56 463 60 70
info@amsler-frey.ch