EM42

EPOXY LAMINATE EM42

Material description

EM42 is a filled epoxy resin composite with glass reinforcement of non-woven fabric. EM42 has both excellent fire behaviour and high fire resistance. It is a flame retardant, low smoke, low toxic fume (halogen and phosphorus free) material which acts as a barrier to the passage of fire when exposed to fire. It has good mechanical and electrical insulation properties and is very easy to machine.

Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	2	g/cm3
Sliding friction		◯	
Abrasion resistance		◯	

Thermal properties	Test method	Value	Unit
Flammability	UL 94, 3 mm	V0	

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