

Prepregs

Flexpreg® FP 58016

Description: Flexpreg® FP 58016 is made of calendared Nomex®, which is coated with a modified epoxy-resin on one side.

Properties: Flexpreg® FP 58016 can be easily cut into required formats and can be pressed in heated presses. The resin exhibits excellent gluing characteristics to metal-surfaces.

Application: Flexpreg® FP 58016 is used for bonding of metal conductors. They are being electrically insulated at the same time. Typical applications for Flexpreg® FP 58016 are bonding of copper-conductors on pole-coils, which are used for DC and AC machines. It can also be used as layerinsulation in dry type transformers.

Delivery forms: Flexpreg® FP 58016 can be delivered in rolls and strips, customized cuts or die-cut parts. Other delivery forms upon customer request.

Storage conditions: Flexpreg® FP 58016 lasts for min. 6 months if stored at 20°C, 12 months if stored at 5°C.

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Properties	Test method	Unit	Value
Nominal thickness	DIN 0863	mm	0,20
Tolerance		mm	± 0,02
Surface weight	IPV Nr. 4	g/m ²	203 ± 14
Nomex®	IPV Nr. 4	µm	180
Epoxy-resin, B-stage		g/m ²	30
Dielectric strength	IEC 243	kV/mm	28
Insulating class	IEC 216		180°C (H)

Trademark information: Flexpreg® is a registered trademark of Dr. Dietrich Müller GmbH, Germany.
 Nomex® is a registered trademark of company DuPont.

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.