

Nomsite-Preg™

1. GENERAL INFORMATION

Nomsite-Preg™ consists of NOMEX® paper T410 coated on both sides with modified epoxy resin. After curing, the coating layer can be adhered to the surface of NOMEX® paper, showing good insulation properties and excellent flexibility.

This product is used as interturn insulation in magnetic pole windings of large and medium-sized power generators.

2. TECHNICAL VALUES

Nominal Thickness			[mm]	0,15	0,16	0,18
NOMEX® T410 Thickness	IEC 60626	[mm]		0,13	0,13	0,13
Area Weight	IEC 60626	[g/m ²]		135-155	138-158	153-175
Resin Content	IEC 60626	[%]		20±6	22±5	30±4
Dissoluble Resin Content	IEC 60626	[%]		≥70	≥70	≥70
Breakdown Voltage	IEC 60626	[kV]		≥1	≥1	≥1
Bonding Strength (at R.T.)	IEC 60626	[MPa]		≥3	≥3	≥3

Nominal Thickness			[mm]	0,20	0,22
NOMEX® T410 Thickness	IEC 60626	[mm]		0,18	0,18
Area Weight	IEC 60626	[g/m ²]		198-219	216-240
Resin Content	IEC 60626	[%]		16±4	23±4
Dissoluble Resin Content	IEC 60626	[%]		≥70	≥70
Breakdown Voltage	IEC 60626	[kV]		≥1	≥3
Bonding Strength (at R.T.)	IEC 60626	[MPa]		≥3	≥3

3. STORAGE AND AVAILABILITY

- Shelf life is 18 months from EXW date in original packing and under normal conditions (room temperature, 50% relative humidity)
- Available from 10 mm width upwards

4. NOTES

All statements, technical information, and recommendations contained in this document are based on tests or experience that we believe are reliable. However, many factors beyond our control can affect the use and performance of a product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes. Tolerances on thickness and area weight are +/- 15% if not stated differently.

All questions of warranty and liability relating to our products are governed by the terms of the respective sale subject, where applicable, to the prevailing law.

Nomex® is a registered trademark of Arclin.

Nomsite-Preg™ is a trademark of MaterialPartner Technische Werkstoffe GmbH.

5. VERSIONING

Rev. 3 dated 13/08/2026