

Nompreg™ NB

1. GENERAL INFORMATION

Nompreg™ NB is a prepreg composed of Nomex® 410 aramid insulating paper impregnated by B-stage resin on both sides.

This product is well suited for class H applications.

2. TECHNICAL VALUES

Features					
Backing Thickness	[µm]	80	130	180	250
Weight (backing material)	[g/m2]	64	115	174	249
Total Area Weight	[g/m2]	90	150	210	285
Resin Weight	[g/m2]	25	35	36	36
Flow	[%]	<1	<1	<1	<1
Volatile content	[%]	<2	<2	<2	<2
Breakdown Voltage (after polymerization)	[kV]	1,5	3,4	5,9	7,9
Hardening*					
3 min. at 190°C					
20 min at 170°C					
45 min at 150°C					
*these values are suggestions. The actual curing temperature and polymerization of the resin should be adjusts in compliance with the user's applications and equipment and the final properties required.					

3. STORAGE AND AVAILABILITY

- Shelf life is 6 months from EXW date in original packing and under normal conditions (room temperature, 50% relative humidity)
- This product should be kept away from fire, heat and direct sunshine.
- Available from 10 to 1500 mm wide

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.

Nompreg™ is a trademark of MaterialPartner Technische Werkstoffe GmbH.

5. VERSIONING

Rev. 3 dated 13/08/2026