PRODUCT PAGE

Material:	Nomex 411

Overview:

NOMEX® Type 411 is the uncalendered precursor of NOMEX® Type 410. It is available in five thicknesses (0.13 to 0.58 mm) (5 to 23 mil), with a density of 0.3 and correspondingly lower electrical and mechanical properties. It is used in applications such as motor phase insulation and transformer coil end filler, where high bulk and conformability are of prime importance. NOMEX® Type 411 offers increased impregnability and saturability when compared to NOMEX® Type 410, making it suitable for use in cast resin applications as turn and layer insulation.

Description:

Parameters:

Characteristics	Units	Value	Test Method
Series		411	
Aplication use		Motor phase insulation and transformer coil end filler	
Shape		Roll	
Thickness		0.25	
Operation temperatures		- 220	
Dielectric Strength	V/mil	240	ASTM D149
Full Wave Impulse	V/mil	450	ASTM D3426
Dielectric Constant at 60 Hz		1.2	ASTM D150
Dissipation Factor at 60 Hz (x 10-³)		3	ASTM D150

Warranty:

Technical data

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Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

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