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TECHNICAL DATA

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KREM.PREG® K4018 **Varnished Polyester Fabric**

DESCRIPTION

KREM.preg® K4018 consists of woven polyester fabric impregnated with a synthetic resin system. The resin system of K4018 is fully cured, providing a flexible pre-preg with high dielectric strength.

APPLICATIONS

KREM.preg® K4018 is employed where a high temperature, high dielectric strength insulation is required. K4018 generally finds use for the insulation of winding joints and endwinding in low/medium voltage electric machines.

PHYSICAL PROPERTIES		K4018-10	K4018-14
Properties	Units	0.10mm	0.14mm
Nominal thickness, IEC 60626-2	mm	0.10 ± 0.015	0.14 ± 0.015
Polyester fabric weight, IEC 60626-2	g/m ²	50 ± 5	50 ± 5
Resin weight, IEC 60626-2	g/m ²	70 ± 13	110 ± 15
Total weight, IEC 60626-2	g/m ²	120 ± 18	160 ± 20
Tensile strength, IEC 60626-2	N/cm	≥ 80	≥ 80
Breakdown voltage (Rapid rise), IEC 60626-2	kV	≥ 5	≥ 5
Colour		Natural (White)	Natural (White)
Shelf-life @ 20°C	Months	24	24
Thermal rating, Internal Test Method	°C	155 (F)	155 (F)
Availability			
Widths	mm	10 - 1000	10 - 1000
Standard lengths (Others on request)	m	50	50
Standard cores (Others on request)	mm	55 or 76	55 or 76

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Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for their intended use and the user assumes all risk and liability whatsoever in connection therewith.