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TECHNICAL DATA

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KREM.PREG® K4022-14 BLUE **Varnished Polyester Fabric**

DESCRIPTION

KREM.preg® K4022-14 consists of woven polyester fabric impregnated with a Blue coloured synthetic resin system. The resin system of K4022-14 is fully cured, providing a flexible pre-preg with high dielectric strength.

APPLICATIONS

KREM.preg® K4022-14 is employed where a high temperature, high dielectric strength insulation is required. K4022-14 generally finds use for the insulation of winding joints and endwinding in low/medium voltage electric machines.

PHYSICAL PROPERTIES

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