



# DATA SHEET

## RDCB

### ROD CANVAS BAKELITE

Type - 3721 (Page 1)  
SIZES: 20MM TO 200MM  
MEDIUM WEAVE

Type – TB-FLE (Page 2)  
SIZES: 3MM TO 19MM  
MEDIUM WEAVE

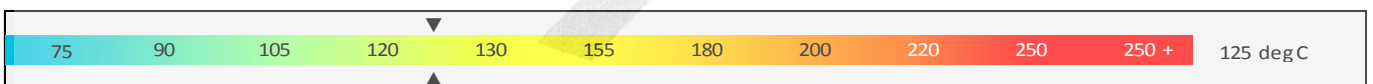


RODS

Type 3721 phenolic laminating cloth rod is made of cotton cloth, impregnated with phenolic resin and hot pressed with forming dies. This rod processes good mechanical properties, and is suitable for use as insulating parts for electric equipment.

### SPECIFICATION

PROPERTIES	UNITS	GRADE - 3721
Density $\geq$	-	1.25
Water Absorption $\leq$	%	1.0
Flexural strength $\geq$	MPa	117.6
Tensile strength $\geq$	MPa	78.4
Compressive Strength $\geq$	MPa	-
Insulation resistance parallel to the lamination	$\Omega$	$1.0 \times 10^8$
A $\geq$		-
D-24/23 $\geq$		-
Breakdown voltage parallel to laminations in transformer oil $\geq$	KV	$20 \pm 5^\circ\text{C}$
		10.0
Flammability	-	-
Color	-	Natural
Characteristics & Applications	-	For Mechanical & electrical application.



Temperature Index



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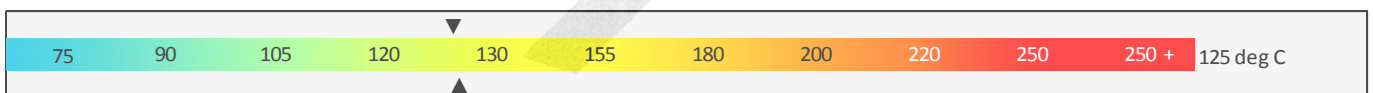
ROD CANVAS BAKELITE

TYPE – TB-FLE



RODS

Testing Item	Unit	Processing Condition	TB-FLE
Voltage 1 min	Kv/mm	C-90/20/65	7
B.D.Voltage	Kv/mm	C-90/20/65	8~13
Insulation Resistance	Normal $\Omega$	C-90/20/65	
	Boiled $\Omega$	C-90/20/65+D-2/100	$1 \times 10^{7-8}$
Flexural Strength	N/mm <sup>2</sup>	A	140~180
Compressive Strength	N/mm <sup>2</sup>	A	180~230
Tensile Strength	N/mm <sup>2</sup>	A	50~100
Water Absorption	%	E-24/50+D-24/23	0.5~1.1
Heat Resistance	°C	A	140°C 2hr OK
Density	-	A	



Temperature Index