



CUSTOM ELECTRICAL INSULATION

BAKELITE PAPER TUBE

Test report - phenolic impregnated paper tube

SINCE 2017

ISO 9001

OEM / ODM

Well Electric - WELLELE

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Bakelite Paper Tube TEST REPORT

item	unit	index	
		ID=5~25mm	ID≥25mm
Density	—	1.03	1.1
Flexural Strength ≥	MPa	49	58.8
Compressive Strength≥	MPa	49	58.8
Thermal stability	°C	120	120
Water Absorption	%	—	3~10
medium wastage FACTOR (50Hz) ≤	—	0.03	0.03
Resistance Voltage Perpendicular to Laminations(90 ±2°C OIL,5min) Thickness 1.5~2.5mm thickness >2.5~3.5mm thickness >3.5~4.5mm thickness 4.5~6.0mm thickness >6.0mm	kV/mm	8.5 8.0 7.0 6.5 6.0	8.5 8.0 7.0 6.5 6.0
Resistance Voltage Perpendicular to Laminations(90 ±2°C OIL,5min) ≥	kV	20	25
Surface Resistance Voltage	kV	12	12
length	mm	1000±50,1500±50,2000±50	



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