

QUALITY INDICATORS

High Voltage Transformer Paper

GOST 24874-91

TB-120

No.	Indicator name	GOST standard
1	Width, μm	120 ± 7
2	Density, g/cm^3	$0,80\pm 0,05$
3	Breakdown force, kgf, no less than in the machine direction in the transverse direction	14,0 6,0
4	Relative elongation, %, no less than in the machine direction in the transverse direction	2,0 5,5
5	Iron content, %, no more than	0,0040
6	Ash content, %, no more than	0,4
7	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	20
8	pH of aqueous extract	6,0-7,5
9	Humidity, %, no more than	8,0
10	Electric strength of dry paper, kV/mm , no less than	7,5
11	Dielectric dissipation factor at $100\text{ }^\circ\text{C}$, no more than	0,0025