

QUALITY INDICATORS

Electrotechnical types of paper

Condenser Paper

KOH 3-12

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	12,0 \pm 0,8
2	Density, g/cm^3	1,25-1,35
3	Mean breakdown voltage, V, no less than	480
4	Number of conductive inclusions for 1 m^2 , no more than	80
5	Ash content, %, no more than	0,38
6	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,35
7	Breakdown force in the machine direction, H, no less than	20,0
8	Electrical conductivity of aqueous extract, $\mu\text{S/cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	8,0

QUALITY INDICATORS

Condenser Paper

KOH 3-9

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	9,0 \pm 0,6
2	Density, g/cm ³	1,25-1,35
3	Mean breakdown voltage, V, no less than	390
4	Number of conductive inclusions for 1 m ² , no more than	150
5	Ash content, %, no more than	0,38
6	Dielectric dissipation factor of paper in the dry state at 100 °C, no more than	0,35
7	Breakdown force in the machine direction, H, no less than	15,3
8	Electrical conductivity of aqueous extract, $\mu\text{S/cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	8,0

QUALITY INDICATORS

Condenser Paper

KOH 3-15

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	15,0 \pm 0,8
2	Density, g/cm^3	1,25-1,35
3	Mean breakdown voltage, V, no less than	510
4	Number of conductive inclusions for 1 m^2 , no more than	50
5	Ash content, %, no more than	0,38
6	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,35
7	Breakdown force in the machine direction, H, no less than	25,0
8	Electrical conductivity of aqueous extract, $\mu\text{S/cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	8,0

QUALITY INDICATORS

Condenser Paper

KOH 2-30

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	30,0 \pm 2,0
2	Density, g/cm^3	1,15-1,25
3	Mean breakdown voltage, V, no less than,	690
4	Number of conductive inclusions for 1 m^2 , no more than	10
5	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,32
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	45,7
8	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0

QUALITY INDICATORS

Condenser Paper

KOH 2-22

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	22,0 \pm 1,5
2	Density, g/cm^3	1,15-1,25
3	Mean breakdown voltage, V, no less than,	580
4	Number of conductive inclusions for 1 m^2 , no more than	20
5	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,32
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	34,0
8	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0

QUALITY INDICATORS

Condenser Paper

KOH 2-10

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	10,0 \pm 0,6
2	Density, g/cm^3	1,15-1,25
3	Mean breakdown voltage, V, no less than,	380
4	Number of conductive inclusions for 1 m^2 , no more than	200
5	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,32
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	16,5
8	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0

QUALITY INDICATORS

Condenser Paper

KOH 2-8

GOST 1908-88

No.	Indicator name	GOST standard
1	Width, μm	$8,0\pm 0,5$
2	Density, g/cm^3	1,15-1,25
3	Mean breakdown voltage, V, no less than,	350
4	Number of conductive inclusions for 1 m^2 , no more than	200
5	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,32
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	12,9
8	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	28
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0

QUALITY INDICATORS

Condenser Paper

KOH 1-22

TY 13-00279540-077-95

No.	Indicator name	Specification requirement
1	Width, μm	22 \pm 1,5
2	Density, g/cm ³	0,95-1,15
3	Mean breakdown voltage, V, no less than,	530
4	Number of conductive inclusions for 1 m ² , no more than	10
5	Dielectric dissipation factor of paper in the dry state at 100 °C, no more than	0,26
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	26,4
8	Electrical conductivity of aqueous extract, $\mu\text{S/cm}$ at a scale of 1:50, no more than	33
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0

QUALITY INDICATORS

Condenser Paper

KOH 1-30

TY 13-00279540-077-95

No.	Indicator name	Specification requirement
1	Width, μm	30 \pm 2,0
2	Density, g/cm^3	0,95-1,15
3	Mean breakdown voltage, V, no less than,	620
4	Number of conductive inclusions for 1 m^2 , no more than	5
5	Dielectric dissipation factor of paper in the dry state at 100 $^{\circ}\text{C}$, no more than	0,26
6	Ash content, %, no more than	0,38
7	Breakdown force in the machine direction, H, no less than	36,0
8	Electrical conductivity of aqueous extract, $\mu\text{S}/\text{cm}$ at a scale of 1:50, no more than	33
9	pH of aqueous extract	6,2-8,0
10	Humidity, %, no more than	9,0