

WEIDMANN

Cable paper grade K-080, K-120, K-140, K-170

Paper is intended for insulation of power cable for voltage up to 35 kV, for insulation of telephone cables and winding wires, for manufacturing various electroinsulating products. It is produced in rolls of width 500, 650, 670, 700, 750, 1000 mm and diameter 500-800 mm and qualified by GOST 23436-83. In coordination with the customer, paper is delivered in rolls of other sizes.

Index	Norm				Testing method*
	K-080	K-120	K-140**	K-170	
Thickness, <i>mm</i>	80±5	120±7	140±7	170±7	GOST 27015
Density, <i>g/cm³</i>	0,78±0,05				GOST 27015
Tensile force, <i>N (kgs)</i> , not lower than: - in machine direction - in cross direction	83(8,5) 39(4,0)	128(13,0) 59(6,0)	157(16,0) 74 (7 , 5)	172(17,5) 83 (8 , 5)	GOST ISO 1924-1
Stretch at break, %, not lower than: - in machine direction - in cross direction	1,8 4,5	2,0 4,5	2,0 5,0	2,0 4,5	GOST ISO 1924-1
Air permeability (Shopper method), <i>cm³/min</i> , not higher than	40				GOST 13525.14
Ash content, %, not higher than	1,0		0,60	1,0	GOST 7629
Conductivity of aqueous extract, <i>mkCm/cm</i> , not higher than: - at the module 1:50 - at the module 1:20	60 120	60 120	35 70	60 120	GOST 8552
pH of aqueous extract, <i>un.pH</i>	7,0 – 9,0				GOST 12523
Moisture content, %	4 – 8	not higher than 8	4 – 8	not higher than 8	GOST 13525.19

* Upon customer's request the paper can be tested according to ISO/IEC methods

** Produced according to agreed specifications