

**INSULATING CREPE PAPER FOR POWER TRANSFORMERS,
PAPER INSULATED CONDUCTORS AND BUSHINGS**

	UoM	ISO100	IST100	ISO131	IST131	ISO160	IST160
Version		Standard	Standard	Standard	Standard	Standard	Standard
Heat Class		Class "A"	Class "E" thermally upgraded	Class "A"	Class "E" thermally upgraded	Class "A"	Class "E" thermally upgraded
BASE PAPER WEIGHT	gsm	÷ 60	÷ 60	÷ 70	÷ 70	÷ 75	÷ 75
CREPE PAPER WEIGHT	gsm	100 ± 5	100 ± 5	125 ± 5	125 ± 5	155 ± 10	155 ± 10
THICKNESS (CREPE)	mm.	0,28± 0,03	0,28 ± 0,03	0,33 ± 0,03	0,33 ± 0,03	0,35 ± 0,05	0,35 ± 0,05
THICKNESS (STRETCHED)	mm.	0,16	0,12	0,15	0,15	0,16	0,16
DENSITY	gr/cm ³	0,360	0,360	0,400	0,400	0,440	0,440
TENSILE STRENGTH (MD)	N/15mm	> 45 N	> 45 N	> 50 N	> 50 N	> 50 N	> 50 N
ELONFATION (MD)	%	> 65 %	> 65 %	> 120%	> 120%	> 90 %	> 90 %
ACQUEOUS EXTRACT	Ph	06-08	06-08	06-08	06-08	06-08	06-08
COND.ACQUEOUS EXTRACT	mS/m	< 8	< 8	< 8	< 8	< 8	< 8
ASH CONTENT	%	< 1	< 1	< 1	< 1	< 1	< 1
ELECTRIC STRENGTH	kV/cm	260	260	260	260	240	240
NITROGEN CONTENT	%	//	< 4%	//	< 4%	//	< 4%
DISSIP.FACTOR (TAN.DELTA) 55°	%	0,087%		0,143%		0,258%	
DISSIP.FACTOR (TAN.DELTA) 115°	%	0,150%		0,248%		0,448%	