

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

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



**CARTIERA di NEBBIUNO**



**THERMALLY UPGRADED**

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

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



**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
ISO 9001**