

INSULATING CREPE PAPER GRADES FOR POWER TRANSFORMERS

	UoM	ISO100	ISO136	ISO160
VERSION		Standard	Standard	Standard
HEAT CLASS		Class "A"	Class "A"	Class "A"
CREPE PAPER WEIGHT	gsm	100 ± 5	130 ± 5	155 ± 10
THICKNESS (CREPE)	mm.	0,28 ± 0,03	0,36 ± 0,03	0,35 ± 0,05
DENSITY	gr/cm ³	0,360	0,360	0,440
TENSILE STRENGTH (MD)	N/15mm	> 45 N	> 50 N	> 50 N
ELONGATION (MD)	%	> 65 %	> 50%	> 90 %
ACQUEOUS EXTRACT	Ph	06-08	6-8	06-08
COND.ACQUEOUS EXTRACT *	mS/m	< 8	< 8	< 8
ASH CONTENT **	%	< 1	< 1	< 1
ELECTRIC STRENGTH	kV/cm	260	260	240
NITROGEN CONTENT	%	//	#RIFI	//
DISSIP.FACTOR (TAN.DELTA) 55°	%	0,087%	0,143%	0,258%
DISSIP.FACTOR (TAN.DELTA) 115°	%	0,150%	0,248%	0,448%

* typical value 0,4 ** typical value 0,5



CARTIERA di NEBBIUNO



THERMALLY UPGRADED INSULATING CREPE PAPER FOR POWER TRANSFORMERS

	UoM	IST100	ISO136	IST160
Version		Standard	Standard	Standard
Heat Class		Class "E" thermally upgraded	Class "E" thermally upgraded	Class "E" thermally upgraded
CREPE PAPER WEIGHT	gsm	100 ± 5	130 ± 5	155 ± 10
THICKNESS (CREPE)	mm.	0,28 ± 0,03	0,36 ± 0,03	0,35 ± 0,05
DENSITY	gr/cm ³	0,360	0,360	0,440
TENSILE STRENGTH (MD)	N/15mm	> 45 N	> 50 N	> 50 N
ELONGATION (MD)	%	> 65 %	> 50%	> 90 %
ACQUEOUS EXTRACT	Ph	06-08	6-8	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%

* typical value 0,4 ** typical value 0,5



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

CARTIERA DI NEBBIUNO SRL
TEL. +39 0322 58103
www.cartieranebbiuno.it
dino@cartieranebbiuno.it

