

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



	UoM	ISO100	ISO101	ISO135	ISO136	ISO160
VERSION		Standard	Standard	Standard	Standard	Standard
HEAT CLASS		Class "A"	Class "A"	Class "A"	Class "A"	Class "A"
CREPE PAPER WEIGHT	gsm	100 ± 5	125 ± 5	125 ± 5	130 ± 5	155 ± 10
THICKNESS (CREPE)	mm.	0,28± 0,03	0,35 ± 0,03	0,47 ± 0,03	0,36 ± 0,03	0,35 ± 0,05
DENSITY	gr/cm <sup>3</sup>	0,360	0,300	0,280	0,360	0,440
TENSILE STRENGTH (MD)	N/15mm	> 45 N	> 45 N	> 30 N	> 50 N	> 50 N
ELONGATION (MD)	%	> 65 %	> 65%	> 130%	> 50%	> 90 %
ACQUEOUS EXTRACT	Ph	06-08	6-8	6-8	6-8	06-08
COND.ACQUEOUS EXTRACT *	mS/m	< 8	< 8	< 8	< 8	< 8
ASH CONTENT **	%	< 1	< 1	< 1	< 1	< 1
ELECTRIC STRENGTH	kV/cm	260	260	260	260	240
NITROGEN CONTENT	%	//	//	//	//	//
DISSIP.FACTOR (TAN.DELTA) 55°	%	0,087%	0,078%	0,143%	0,143%	0,258%
DISSIP.FACTOR (TAN.DELTA) 115°	%	0,150%	0,139%	0,248%	0,248%	0,448%



**CARTIERA di NEBBIUNO**



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

**THERMALLY UPGRADED**

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BUSBAR SYSTEMS AND PAPER INSULATED CONDUCTORS**

	UoM	IST100	IST101	ISO135	ISO136	IST160
Version		Standard	Standard	Standard	Standard	Standard
Heat Class		Class "E" thermally upgraded	Class "E" thermally upgraded	Class "E" thermally upgraded	Class "E" thermally upgraded	Class "E" thermally upgraded
CREPE PAPER WEIGHT	gsm	100 ± 5	100 ± 5	125 ± 5	130 ± 5	155 ± 10
THICKNESS (CREPE)	mm.	0,28 ± 0,03	0,35 ± 0,03	0,47 ± 0,03	0,36 ± 0,03	0,35 ± 0,05
DENSITY	gr/cm <sup>3</sup>	0,360	0,300	0,280	0,360	0,440
TENSILE STRENGTH (MD)	N/15mm	> 45 N	> 45 N	> 30 N	> 50 N	> 50 N
ELONGATION (MD)	%	> 65 %	> 65%	> 130%	> 50%	> 90 %
ACQUEOUS EXTRACT	Ph	06-08	6-8	6-8	6-8	06-08
COND.ACQUEOUS EXTRACT *	mS/m	< 8	< 8	< 8	< 8	< 8
ASH CONTENT **	%	< 1	< 1	< 1	< 1	< 1
ELECTRIC STRENGTH	kV/cm	260	260	260	260	240
NITROGEN CONTENT	%	1 - 4%	1 - 4%	1 - 4%	1 - 4%	1 - 4%
DISSIP.FACTOR (TAN.DELTA) 55°	%	0,087%	0,143%	0,143%	0,143%	0,258%
DISSIP.FACTOR (TAN.DELTA) 115°	%	0,150%	0,248%	0,248%	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](http://www.cartieranebbiuno.it)  
[dino@cartieranebbiuno.it](mailto:dino@cartieranebbiuno.it)

