

INSULATING AND SEMI-CONDUCTING CREPE PAPER GRADES
FOR INSULATION AND/OR SCREENING OF
CURRENT, VOLTAGE AND MEASUREMENT TRANSFORMERS



INSULATING CREPE PAPER GRADES			
	UDM	ISO100	ISO115
VERSION		Standard	Standard
HEAT CLASS		Classe "A"	Classe "A"
CREPE PAPER WEIGHT	gsm	100 ± 5	115 ± 5
THICKNESS (CREPE)	mm.	0,28 ± 0,03	0,45 ± 0,03
DENSITY	gr/cm ³	0,360	0,260
TENSILE STRENGTH. MD	N/15mm	> 45 N	> 45 N
ELONGATION MD	%	> 65 %	> 65%
ACQUEOUS EXTRACT	Ph	06-08	06-08
COND.ACQUEOUS EXTRACT	mS/m	< 8	< 8
ASH CONTENT	%	< 1	< 1
ELECTIC STRENGTH	kV/cm	260	260
NITROGEN CONTENT	%	MIN 1% MAX 4%	
TAN-DELTA 55°	%	0,087%	0,091%
TAN-DELTA 115°	%	0,150%	0,180%



SEMI-CONDUCTING CREPE PAPER GRADES			
	UoM	SEM101	SEM131
VERSION		Standard	Standard
CREPE PAPER WEIGHT (CREPE)	gsm	100 ± 10	130 ± 10
THICKNESS (CREPE)	mm.	0,25 ± 0,05	0,33 ± 0,03
DENSITY	gr/cm ³	0,400	0,400
TENSILE STRENGTH. MD	N/15mm	> 38 N	> 45N
ELONGATION MD	%	> 40%	> 60%
ACQUEOUS EXTRACT	Ph	06-08	06-08
COND.ACQUEOUS EXTRACT	mS/m	< 20	< 15
ASH CONTENT		< 1	< 2
SURFACE RESISTANCE *	Ohm/1000	< 7	< 8
LONGITUDINAL RES.**	Ohm x cm.	< 700	< 1000
VOLUME RESIST.***	Ohm x cm.	< 100.000	< 100.000



* Lindeblatt Method

** Internal Method

** Rugovski Method

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

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