

INSOLATING MATERIALS

ELECTRIC INSULATING

TRANSFORMER INSULATING PAPER / ETHV

PROPERTY	UNIT	TEST METHOD	MINIMUM	NOMINAL	MAXIMUM
GRAMMAGE	G/M ²	SCAN:P 6:75	31.0	34.0	35.0
THICKNESS 1/SHEETS	μ M	SCAN:P 7:75	42	45	48
DENSITY 1/SHEETS	Kg/m ³	SCAN:P 7:75		750	
AIR RESISTANCE	GURLEY S	SCAN:P 19:78	500	800	
MOISTURE CONTENT	%	SCAN:P 4:63	4.0	5.0	6.0
TENSILE STRENGTH - MD	KN/m	SCAN:P 38:80	3.50		
TENSILE STRENGTH - CD	KN/m	SCAN:P 38:80		1.20	
TENSILE INDEX - MD	Nm/g	SCAN:P 38:80	103.0		
TENSILE INDEX - CD	Nm/g	SCAN:P 38:80		35.0	
ELONGATION - MD	%	SCAN:P 38:80		2.0	
ELONGATION - CD	%	SCAN:P 38:80		4.5	
BURSTING STRENGTH	KPa	SCAN:P 24:77	140		
BURST INDEX	Kpa*m ² /g	SCAN:P 24:77	4.10	7.0	
ASH CONTENT	%	SCAN:P 5:63			0.70
PH IN EXTRACT		IEC 554-2.13	7.5	8.3	9.0
CONDUCTIVITY	MS/m	IEC 554-2.12			5.00
DIEL. STRENGTH UNIMP.	Kv/mm	IEC 554-2.21	10.0		
BURSTING STR.AFTER AGEING	%		70		

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