

Date
2025-06-04

Customer Order No.
TEM 2024-032-REV2-00080

Ahlstrom Sweden Order No.
0747046-05

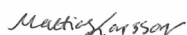
Customer
TEM TRAFÖ VE ELEKTRIK MALZ.LTD.STI.

Quality
J106755 - Insulation paper MD 104/130

Notes

<u>Properties</u>	<u>Unit</u>	<u>Test Values</u>	<u>Test Method</u>	<u>Specification</u>		
				<u>Min</u>	<u>Target</u>	<u>Max</u>
Grammage	g/m ²	105,1	ISO 536		104,0	
Bulking thickness/ 5 sheets	µm	132	ISO 534	124	130	136
Density	kg/m ³	797	ISO 534	750	800	850
Moisture content	%	5,5	ISO 287		6,0	8,0
Air resistance (Gurley)	sec	166	ISO 5636-5	128	190	256
Air permeance (air permeability)	µm/Pa*s	0,78	ISO 5636-5	0,50		1,00
Tensile strength MD	kN/m	12,91	ISO 1924	9,70		
Tensile strength CD	kN/m	6,35	ISO 1924	3,60		
Elongation MD	%	2,5	ISO 1924	2,0		
Elongation CD	%	6,8	ISO 1924	4,0		
Tensile index MD	Nm/g	122,7	ISO 1924	93,0		
Tensile index CD	Nm/g	60,3	ISO 1924	34,0		
Tearing resistance MD	mN	1 239	ISO 1974			
Tearing resistance CD	mN	1 386	ISO 1974			
Tear index MD	mN*m2/g	11,8	ISO 1974	6,0		
Tear index CD	mN*m2/g	13,2	ISO 1974	7,0		
Ash content	%	<0,50	ISO 2144			0,50
pH of aqueous extract		7,4	IEC 60554-2	6,0		8,0
Conductivity of aqueous extract	mS/m	1,9	IEC 60554-2			4,0
Dielectric strength in air	kV/mm	8,6	IEC 60554-2	7,5		
DP value		>1 200	IEC 60450	1 200		

Total Wgt: 11 796,00

Comments


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Lab. Quality Control