

PRODUCT DATA SHEET

UNCALCINED PHLOGOPITE MICA PAPER

Type	75 gsm	80 gsm	100 gsm	120 gsm	150 gsm	160 gsm	180 gsm	230 gsm	250 gsm
Basis Weight gr/m ²	75	80	100	120	150	160	180	230	250
Max Deviation (Average) %	±5	±5	±5	±5	±5	±5	±5	±5	±5
Max Deviation (Single Value) %	±7	±7	±7	±7	±7	±7	±7	±7	±7
Indicative Thickness Average mm	0.048	0.050	0.050	0.070	0.090	0.095	0.105	0.130	0.145
Tensile Strength (≥) kN/m	0.35	0.35	0.35	0.35	0.40	0.40	0.45	0.45	0.45
Dielectric Strength kV/mm	15 – 17	15 – 17	15 – 17	15 – 18	15 – 18	16 – 18	15 – 18	15 – 18	15 – 18
Porosity s/100 ml	600 ± 100	600 ± 100	700 ± 100	800 ± 100	900 ± 150	900 ± 150	900 ± 150	1000 ± 200	1200 ± 300
Penetration Average Value s	5 ± 2	5 ± 2	7 ± 2	8 ± 2	12 ± 2	18 ± 4	20 ± 5	45 ± 10	50 ± 10
Loss of Mass %	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6	≤ 0.6
Conductivity of Aqueous Extract μs/cm	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5