APA CLASS “H”

ARAMIDPAPER+POLYESTERFILM+ARAMID PAPER (META EV)

Chirag LAMINATES PVT. LTD.

Technical Specification Table (AHA) ARAMID POLYMIDE LAMINATE

Nominal Thickness (mm)	Thickness Tolerance (mm)	Basis Weight (g/m²)	Nominal Film Thickness (µm)	Tensile Strength (N/10mm) MD (No Fold)	Tensile Strength (N/10mm) CD (No Fold)	Tensile Strength (N/10mm) MD (After Fold)	Tensile Strength (N/10mm) CD (After Fold)	Elongation (%) MD	Elongation (%) CD	Breakdown Voltage (kV)	Heat Resistance (200 ± 2 °C, 10 min)
0.13	±0.02	135 ± 20	50	≥50	≥50	≥60	≥60	≥8	≥7	≥7	No delamination, no blistering, bending ≥180°
0.16	±0.02	176 ± 25	75	≥70	≥70	≥80	≥80	≥8	≥8	≥8	Same as above
0.19	±0.02	195 ± 30	90	≥90	≥90	≥100	≥100	≥8	≥8	≥9	Same as above
0.21	±0.02	230 ± 35	100	≥120	≥120	≥130	≥130	≥8	≥8	≥10	Same as above
0.24	±0.03	260 ± 40	125	≥140	≥140	≥150	≥150	≥9	≥8	≥11	Same as above
0.26	±0.03	300 ± 45	175	≥160	≥160	≥180	≥180	≥9	≥8	≥12	Same as above
0.28	±0.04	330 ± 50	190	≥180	≥180	≥200	≥200	≥9	≥8	≥13	Same as above

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