

## Technical Specifications Datasheet

**Product Name: Aluminium Doped Zinc Oxide (AZO) Coated Glass Slides**

**Product Series: AZO**

**Product Shape: Rectangle and square**

**Product Size – Minimum – 25mm x 25mm, Maximum – 405mm x 355mm**

Specification	Tolerance	Inspection Method	Average Value	Quality Rating
Dimension (Length/Width)	±1mm	Caliper	±0.2mm	A
Thickness	±0.15mm	Micrometer	1.983 – 1.986 mm	A
Squareness	± 0.2mm	Plug Gauge	≤ 2 mm	A
Warpage	±0.005%	Dot Board	0.06%	-
Flatness	± 0.008%	Surface Profilometer	0.05%	A
Surface Quality	-	Visual Inspection	Ok	A
Adhesion	-	Adhesive Tape	Excellent	A
AZO Thickness	±25	Surface Profilometer	800-850 nm	A
Sheet Resistance	± 1 Ω/sq	4-Point Probe	7.7-10.9 Ω/sq	A
Uniformity of Resistance	± 1%	4-Point Probe	≤ 10%	A
Transmittance (400-1000nm)	± 2.5%	Spectrometer	81.93-82.43%	A
Haze	±1%	Spectrometer	≤ 10%	A

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.