

Brand: CNCGLASS

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TECHNICAL NOTE

SGP Ionoplast Laminated Glass Optical Properties: Yellowness Index, VLT, UV Transmittance, and Haze

By Peter Lin

CNCGLASS · Optics buyers actually ask for four numbers

Clear structural laminates live or die on yellowness index, visible light transmittance, UV transmittance, and haze. This article restates CNCGLASS SGP ionoplast laminated-glass optical observations from the WT2018E09A01218 campaign family.

Tech note (public method context): Optical glazing packets typically report yellowness index (YI), luminous transmittance (VLT), UV transmittance, and haze on clear laminates. Small haze and low UV are expected for quality clear ionoplast stacks.

CNCGLASS · Product and specimen

Clear SGP ionoplast laminated glass coupons from the optical campaign associated with report WT2018E09A01218 (content-duplicate scans merged).

CNCGLASS · Observed optical band

Property	Observed band (clear SGP laminate)	Reading
Yellowness index (YI)	about 0.6–0.7	Low yellow cast
Visible light transmittance	about 90.4%	High clear VLT
UV transmittance	about 0.9–1.0%	Strong UV cut
Haze	about 0.19–0.27%	Very low scatter

CNCGLASS · What this means for glaziers and buyers

- High VLT with sub-1% haze supports ultra-clear façade and interior partition talk tracks.
- ~1% UV transmittance helps interior fade discussions without claiming a full solar spectrum certificate.
- Always state glass substrate (clear vs ultra-clear) when quoting VLT.

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Ask CNCGLASS for SGP ionoplast interlayer film, laminated-glass process support, and specimen data sheets.