

Coating-Transmittance-Test-Report.pdf

Functional Coating Spectral Transmittance Test Report

Test Object: AG+AR+AF Composite Coated Aluminosilicate Cover Glass Test

Instrument: UV-VIS-NIR Spectrophotometer Test Wavelength Range: 380nm - 780nm visible light band

Test Results

1. Bare glass base transmittance: 91.5% average
2. After single AR coating: Average transmittance $\geq 98.3\%$, single surface reflectance 0.72%
3. AG anti-glare haze: 12% (customizable 5-30%) without obvious light distortion
4. AF fingerprint-resistant layer: Water contact angle 113° , lasting over 10,000 wipe cycles
5. No abnormal absorption peak in visible spectrum, uniform coating across full glass surface

Surface inspection: No pinholes, mottling or coating peeling. No scratch, bubble or inclusion on glass substrate. Inspector: Senior Optical Coating Engineer Sample Batch No. : DG-Coating-Test-002

Test Date: 2026