

FELIX OPTICAL GLASS

SAMPLE INSPECTION REPORT

Double-Side AR Coated Sapphire Optical Window

IMPORTANT - NOT A PRODUCTION TEST CERTIFICATE

This PDF is a professionally formatted SAMPLE / inspection-report template. The spectral values and example dimensions are representative engineering data only. They are NOT actual measurements from a FELIX production lot and must not be issued to a customer as measured QC results. Replace all pending/sample fields with actual inspection records before release.

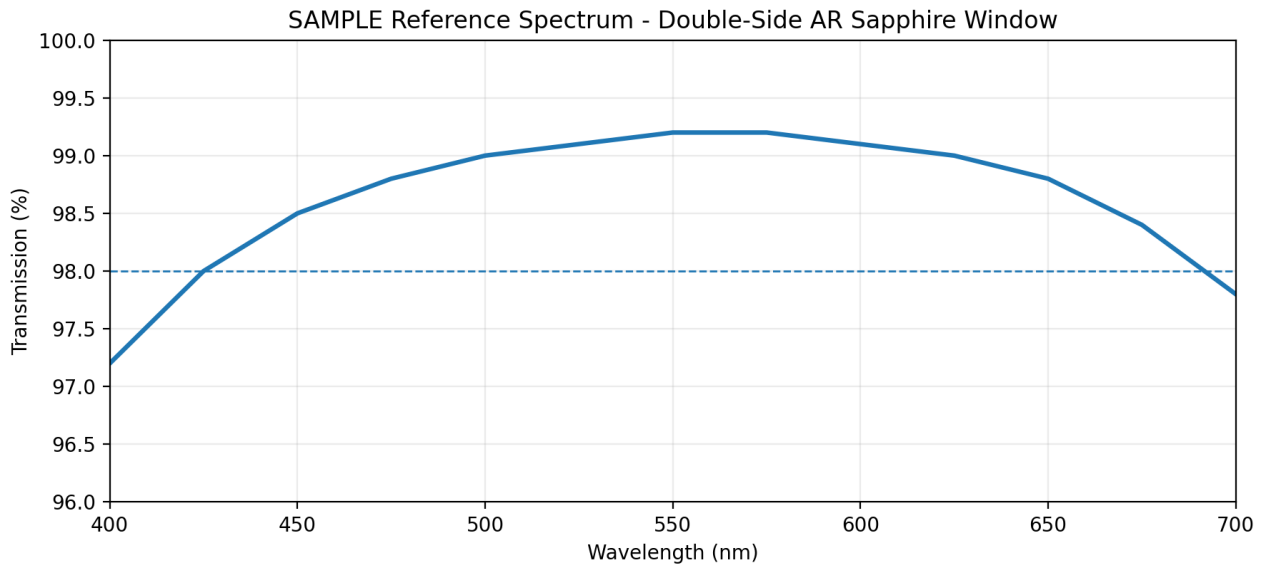
1. Product / Report Information

Report Field	Value
Document type	SAMPLE Inspection Report / Template
Product	Double-Side AR Coated Sapphire Optical Window
Material	Optical-grade single-crystal sapphire (Al2O3)
Coating	S1/S2 broadband AR (reference band 400-700 nm)
Sample thickness	2.00 mm (example only)
Inspection condition	Nominal room condition / normal incidence reference
Lot / PO / Drawing No.	TO BE ENTERED FROM ACTUAL PRODUCTION RECORD

2. Inspection Checklist

Inspection Item	Specification / Target	Sample Result	Status
Material	Optical-grade sapphire	Verified by production record	SAMPLE
Dimensions	Per customer drawing	To be measured	PENDING
Thickness	2.00 mm example	To be measured	PENDING
Surface quality	60-40 example	To be inspected	PENDING
Surface flatness	Per drawing / project	To be measured	PENDING
Clear aperture	>=90% example	To be inspected	PENDING
Edge condition	No unacceptable chips/cracks	To be inspected	PENDING
Coating surfaces	S1 + S2 AR	To be verified	PENDING
Spectral transmission	Tavg >=98% @ 400-700 nm target	Use actual spectrophotometer file	PENDING
Coating appearance	Uniform; no visible coating defects	To be inspected	PENDING

3. Reference AR Transmission Spectrum



The curve above is included only as a reference coating-design profile. For a released inspection report, insert the actual spectrophotometer curve exported from the measured finished window or witness sample.

4. Reference Spectral Data

Wavelength (nm)	Reference / Design T (%) - NOT MEASURED
400	97.2
425	98.0
450	98.5
475	98.8
500	99.0
525	99.1
550	99.2
575	99.2
600	99.1
625	99.0
650	98.8
675	98.4
700	97.8

5. Release Section

Release Field	Entry
Actual lot number	_____
Instrument / equipment ID	_____
Inspection date	_____
Inspector	_____
QA approval	_____
Final disposition	PASS / FAIL after actual inspection

Manufacturer: Dongguan Felix Glass Co., Ltd.

www.felixglass.com

Contact: james@felixglass.com | +86-18565032888

SAMPLE / TEMPLATE