

FELIX OPTICAL GLASS

JGS1 / JGS2 / JGS3 RAW MATERIAL SPECTRAL DATA TABLE

Representative External Transmittance - Engineering Reference

1. Grade Summary

Grade	Typical Spectral Window	Primary Use
JGS1	~185-2500 nm	Far-UV / UV / visible optics
JGS2	~220-2500 nm	UV-visible general optics
JGS3	~260-3500 nm	Visible / near-IR / IR-oriented optics

2. Representative Spectral Data

Wavelength (nm)	JGS1 T (%)	JGS2 T (%)	JGS3 T (%)
170	50	10	0
180	80	50	3
190	84	65	8
200	87	70	20
220	90	80	60
240	91	82	65
260	92	86	80
280	92	90	90
300	92	91	91
320	92	92	92
340	92	92	92
360	92	92	92
380	92	92	92
400	92	92	92
500	92	92	92
600	92	92	92
800	92	92	92
1000	92	92	92
1200	92	92	92
1500	92	92	92
1800	92	92	92
2000	92	92	92
2500	85	87	92
2730	10	30	90
3000	80	80	90
3500	75	75	88

Wavelength (nm)	JGS1 T (%)	JGS2 T (%)	JGS3 T (%)
4000	55	55	73
4500	15	25	35
5000	7	15	30

Important: These values are representative supplier-published reference data, not measured results from a specific FELIX production lot. For customer release or acceptance inspection, use actual spectrophotometer data for the ordered thickness and batch.

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