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ISP Optics Thallium Bromoiodide (KRS-5) Windows

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- Broad Transmission from 700nm - 40μm
- Non-Hydroscopic
- Ideal for FTIR Spectroscopy with Aqueous Samples

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Clear Aperture (%):	85
Edges:	Fine Ground	Knoop Hardness (kg/mm²):	40.20
Parallelism (arcmin):	<3	Poisson's Ratio:	0.37
Young's Modulus (GPa):	31		

Optical Properties

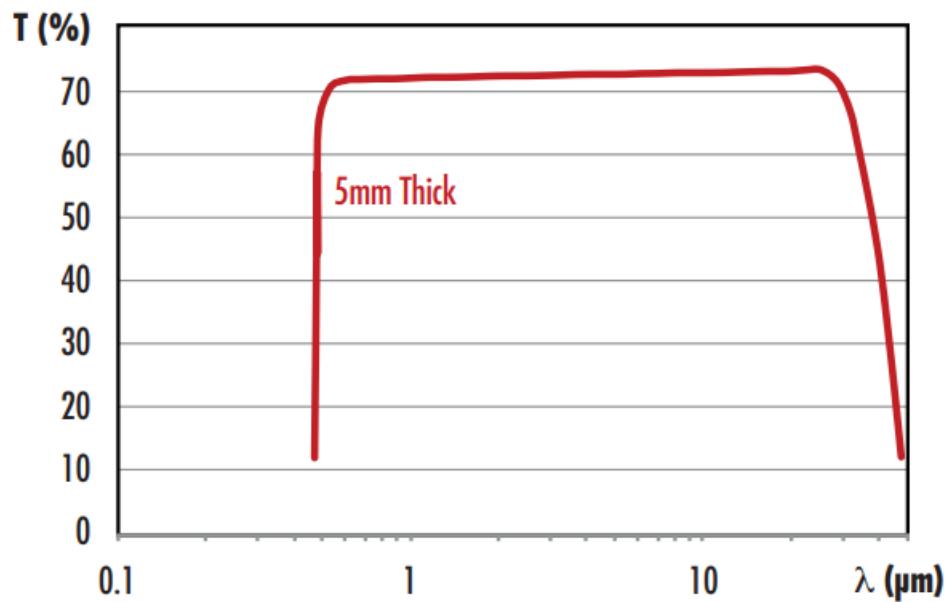
Coating:	Uncoated		
Substrate:	Thallium Bromoiodide (KRS-5)	Surface Flatness (P-V):	$\lambda/10$ @ 10.6 μ m
Surface Quality:	60-40	Wavelength Range (nm):	700 - 40000

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	6.0	Density (g/cm³):	7.37
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Technical Information

Thallium Bromoiodide (KRS-5)



Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
<u>#16-802 Clearance</u>					
25.40	2.00	Uncoated	 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	₹57,580	7 In Stock

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
<u>#24-604 Clearance</u>					
25.40	4.00	Uncoated	 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	₹67,950	3 In Stock

[#16-803 Clearance](#)



Clearance

50.80	3.00	Uncoated	Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	₹1,67,605	2 In Stock
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