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## Potassium Bromide (KBr) Windows

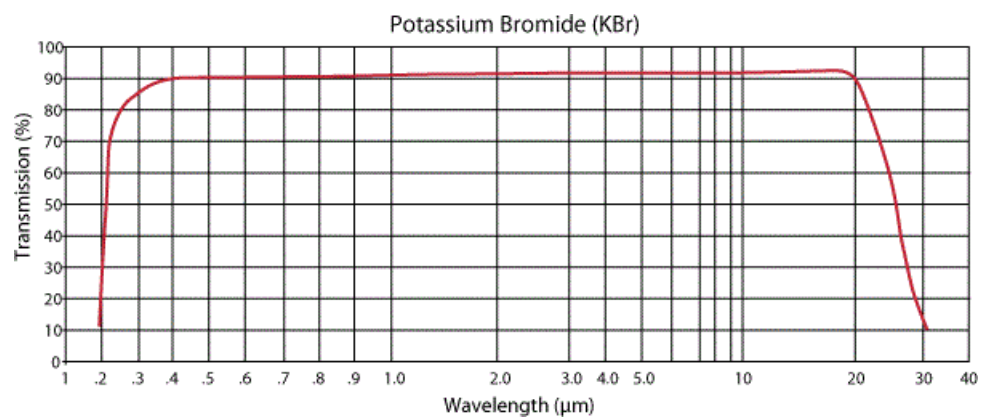


- Excellent Transmission from 250nm – 26μm
- Good Resistance to Mechanical Shock
- Ideal for FTIR Spectroscopy
- [Sodium Chloride \(NaCl\) Windows](#) Also Available

# Common Specifications

| Physical & Mechanical Properties                             |                         |                                                     |             |
|--------------------------------------------------------------|-------------------------|-----------------------------------------------------|-------------|
| Bevel:                                                       | Protective as needed    | Edges:                                              | Fine Ground |
| Knoop Hardness (kg/mm <sup>2</sup> ):                        | 7.00                    | Poisson's Ratio:                                    | 0.20        |
| Young's Modulus (GPa):                                       | 26.8                    |                                                     |             |
| Optical Properties                                           |                         |                                                     |             |
| Abbe Number (v <sub>d</sub> ):                               | 33.64                   |                                                     |             |
| Coating:                                                     | Uncoated                | Index of Refraction (n <sub>d</sub> ):              | 1.56        |
| Substrate:                                                   | Potassium Bromide (KBr) | Surface Quality:                                    | 60-40       |
| Wavelength Range (nm):                                       | 250 - 26000             |                                                     |             |
| Material Properties                                          |                         |                                                     |             |
| Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /°C): | 43                      |                                                     |             |
| Density (g/cm <sup>3</sup> ):                                | 2.753                   | Solubility, in 100g of H <sub>2</sub> O @ 273K (g): | 53.48       |

## Technical Information



## Products

| Dia. (mm) | Thickness (mm) | Coating  | Stock Number            | Price                                     | Buy          |
|-----------|----------------|----------|-------------------------|-------------------------------------------|--------------|
| 13.00     | 1.00           | Uncoated | <a href="#">#68-804</a> | ₹5,941<br><a href="#">Volume Pricing</a>  | 20+ In Stock |
| 13.00     | 2.00           | Uncoated | <a href="#">#68-805</a> | ₹5,941<br><a href="#">Volume Pricing</a>  | 5 In Stock   |
| 20.00     | 2.00           | Uncoated | <a href="#">#68-806</a> | ₹6,161<br><a href="#">Volume Pricing</a>  | 5 In Stock   |
| 25.00     | 2.00           | Uncoated | <a href="#">#68-807</a> | ₹6,968<br><a href="#">Volume Pricing</a>  | 6 In Stock   |
| 25.00     | 4.00           | Uncoated | <a href="#">#68-808</a> | ₹6,968<br><a href="#">Volume Pricing</a>  | 15 In Stock  |
| 25.00     | 5.00           | Uncoated | <a href="#">#68-809</a> | ₹6,968<br><a href="#">Volume Pricing</a>  | 7 In Stock   |
| 32.00     | 3.00           | Uncoated | <a href="#">#68-810</a> | ₹7,335<br><a href="#">Volume Pricing</a>  | 7 In Stock   |
| 50.00     | 3.00           | Uncoated | <a href="#">#68-811</a> | ₹20,245<br><a href="#">Volume Pricing</a> | 10 In Stock  |



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