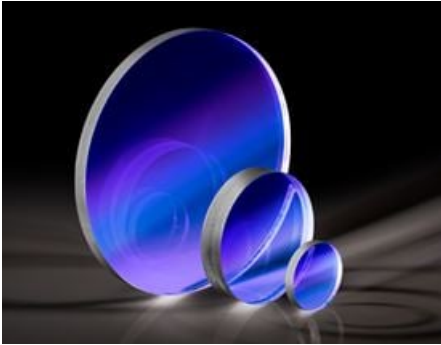


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Sodium Chloride (NaCl) Windows



- Excellent Transmission from 250nm – 16 μ m
- Low Cost
- Ideal for FTIR Spectroscopy
- [Potassium Bromide \(KBr\) Windows](#) Also Available



Common Specifications

Physical & Mechanical Properties

| | | | |
|--|----------------------|-------------------------|-------------|
| Bevel: | Protective as needed | Edges: | Fine Ground |
| Knoop Hardness (kg/mm²): | 18.2 | Poisson's Ratio: | 0.252 |
| Young's Modulus (GPa): | 39.98 | | |

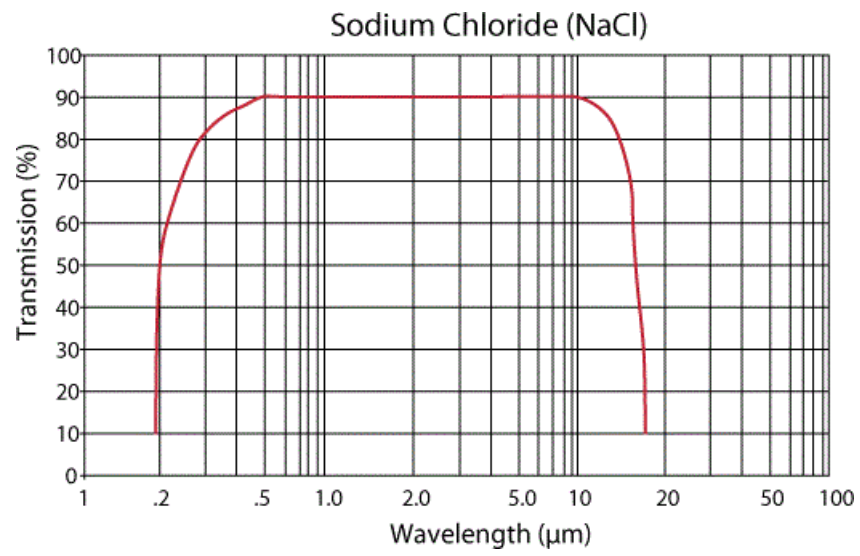
Optical Properties

| | | | |
|--|------------------------|--|-------|
| Abbe Number (v_d): | 42.89 | | |
| Coating: | Uncoated | Index of Refraction (n_d): | 1.544 |
| Substrate: | Sodium Chloride (NaCl) | Surface Quality: | 60-40 |
| Wavelength Range (nm): | 250 - 16000 | | |

Material Properties

| | | | |
|---|------|--|-------|
| Coefficient of Thermal Expansion CTE (10⁻⁶/°C): | 44 | | |
| Density (g/cm³): | 2.17 | Solubility, in 100g of H₂O @ 273K (g): | 35.70 |

Technical Information



Products

| Dia. (mm) | Thickness (mm) | Coating | Stock Number | Price | Buy |
|-----------|----------------|----------|-------------------------|----------------------------|----------|
| 13.00 | 1.00 | Uncoated | #68-812 | €59,00 Qty 11+ €53,00 | 3-4 days |
| 13.00 | 2.00 | Uncoated | #68-813 | €59,00 Qty 11+ €53,00 | 3-4 days |
| 20.00 | 2.00 | Uncoated | #68-814 | €64,00 Qty 11+ €58,00 | 3-4 days |
| 25.00 | 2.00 | Uncoated | #68-815 | €71,00 Qty 11+ €64,00 | In Stock |
| 25.00 | 4.00 | Uncoated | #68-816 | €71,00 Qty 11+ €64,00 | 3-4 days |
| 25.00 | 5.00 | Uncoated | #68-817 | €71,00 Qty 11+ €64,00 | 3-4 days |
| 32.00 | 3.00 | Uncoated | #68-818 | €78,00 Qty 11+ €70,00 | 3-4 days |
| 50.00 | 3.00 | Uncoated | #68-819 | €198,00 Qty 11+ €178,00 | 3-4 days |



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