

TECHSPEC® 12.7mm Dia., 3mm Thick, VIS 0° Coated λ/4 N-BK7 Window



Stock #15-431 10 TO 12 DAYS

⊖ 1 ⊕

₹6,656.00

ADD TO CART

Qty 1-5
₹6,656.00
Qty 6+
₹5,329.00
Volume Pricing
Request Quote

Get Product Downloads



Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm):

11.43
Diameter (mm): 12.70 +0.0/-0.25
Thickness (mm): 3.00 ±0.20
Coating: VIS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.1 (-30 to +70°C) 8.3 (+20 to +300°C)
Density (g/cm³): 2.51
Edges: Fine Ground
Index of Refraction n_d: 1.516
Knoop Hardness (kg/mm²): 610
Parallelism (arcmin): <1
Poisson's Ratio: 0.206
Substrate: N-BK7
Surface Flatness (P-V): λ/4
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 425 - 675
Young's Modulus (GPa): 82
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant