

Barium Fluoride (BaF2) Substrate / Window

Item Number: KTOM-BFS



Introduction

BaF2 is the fastest scintillator, sought-after for its exceptional properties. Its windows and plates are valuable for VUV and infrared spectroscopy.

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Transmission range (μm)	0.15~12.5
Transmittance	≥90% [0.35~9μm, 3mm]
Reflection Loss at 2.58μm	6.8%(both faces)
Knoop hardness (kg/mm ²)	82 with 500g indenter
Density (g/cm ³)	4.89
Melting Point (°C)	1280
Round Shape	Φ5.0; Φ10.0 ; Φ12.7; Φ15.0; Φ20.0
Diameter(mm)	Φ25.4; Φ30.0; Φ38.1; Φ50.8; Φ76.2
Square Shape	5.0x5.0 ; 10.0x10.0 ; 15.0x15.0
WxH(mm)	20.0x20.0; 25.0x25.0; 50.0x50.0