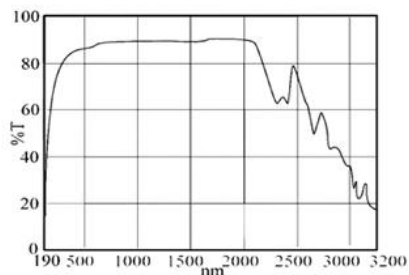


## BBO CRYSTAL

### WISOPTIC Capabilities of BBO

- Aperture: 1x1 ~ 15x15 mm ( $\beta$ -BBO)
- Length: 0.02 ~ 25 mm ( $\beta$ -BBO); 1.0 ~ 40 mm ( $\alpha$ -BBO)
- End configuration: flat, or Brewster, or specified
- Top processing (polishing, coating) quality
- Mounting: upon request
- Very competitive price



Transmission curve of BBO

### WISOPTIC Standard Specifications\* of BBO

Dimension Tolerance	$\pm 0.1$ mm
Angle Tolerance	$< \pm 0.25^\circ$
Flatness	$< \lambda/10$ @ 632.8 nm
Surface Quality	$< 10/5$ [S/D]
Parallelism	$< 10''$
Perpendicularity	$\leq 5'$
Chamfer	$\leq 0.1$ mm @ $45^\circ$
Transmitted Wavefront Distortion	$< \lambda/8$ @ 632.8 nm
Clear Aperture	$> 90\%$ central area
Coating	AR @ 1064nm ( $R < 0.2\%$ ) ; PR
Laser Damage Threshold	$> 1$ GW/cm <sup>2</sup> for 1064nm, 10ns, 10Hz (polished only) $> 0.5$ GW/cm <sup>2</sup> for 1064nm, 10ns, 10Hz (AR-coated) $> 0.3$ GW/cm <sup>2</sup> for 532nm, 10ns, 10Hz (AR-coated)

\* Products with special requirement upon request.

CONTACT **WISOPTIC** FOR THE BEST SOLUTION FOR YOUR APPLICATION OF **BBO** CRYSTALS.