

## Typical Specifications

Apertures	up to 100 x 100 mm <sup>2</sup>
Length	up to 80 mm along X axis
Flatness	Up to $\lambda/10$ @ 633 nm
Roughness	<3Å RMS
Parallelism	Up to 5 arc sec.
Perpendicularity	Up to 5 arc min.
Scratch/Dig	2/1 up to 0/0 per custom demand
AR Coatings	Dual band R < 0.1%
Absorption Coefficient	Bulk (1064 nm) < 2-4 ppm/cm Surface (1064 nm) < 1-2 ppm Bulk (532 nm) < 8 ppm/cm Surface (532 nm) < 1-2 ppm
Wavefront Distortion Control	$\lambda/8$ @ 633 nm
Guaranteed Damage Threshold	1800 MW/cm <sup>2</sup> @ 1064 nm 1200 MW/cm <sup>2</sup> @ 532 nm 1000 MW/cm <sup>2</sup> @ 355 nm For 10 ns pulses @ 10 Hz

**Raicol Crystals, founded in 1995, is a global leader in nonlinear and EO crystals growth, fabrication and assembly. Raicol offers a unique set of benefits to its customers:**

- 50 years of crystal growth experience
- The global pioneers of RTP, HGTR KTP and PPKTP crystals and assembly
- One-stop shop, from crystal growth through coating to EO Cell assembly
- Mass-production capabilities as well as small R&D quantities
- Fast delivery time
- Unmatched crystal quality