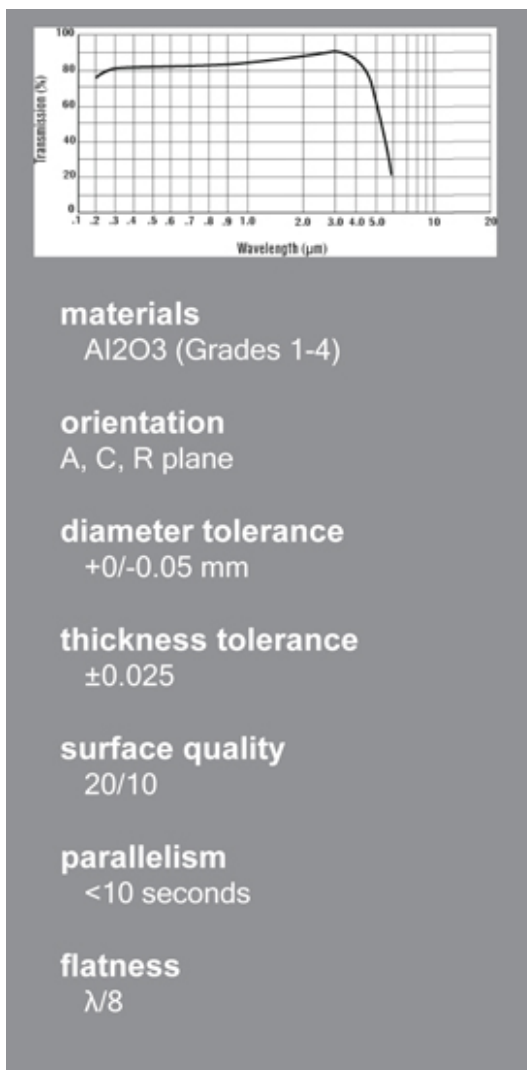


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sapphire microoptics to 4.75" windows!



### precision sapphire windows

Sapphire windows are made from synthetic sapphire commonly chosen for high power laser applications because of its thermal properties and used commercially for its environmental and chemical resistance. Sapphire's broad transmission range of 150nm to 5μm can withstand any mounting configuration and can protect any sensing device. Our experience with both micro-optic sizes of 2mm through large diameters of 4.75 inch diameter sapphire windows in a variety of materials (UV, IR, Diffuser) and shapes (circles, squares, prisms, tubes, rods...) has allowed us to develop a wide range of components (IR and UV windows, step windows, wafers, waveplates, prisms...). Some other common applications for sapphire windows are: shock physics, display windows, scanner plates, IR detectors, cameras and image projection.

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