

TSAG

Key Isolator Material for Next Generation Fiber Laser

Features

- ✓ High Power Compliant
Low Thermally-Induced
Birefringence
- ✓ Large Verdet Constant
- ✓ Low Absorption



$Tb_3Sc_2Al_3O_{12}$

Advantages of TSAG vs. TGG

The Best Suited for High Power Use

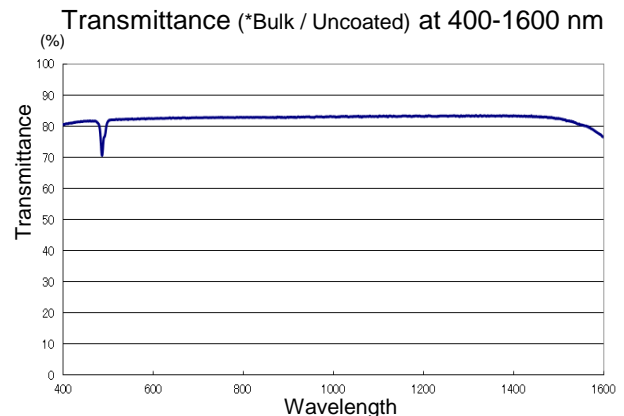


* 48 rad/T/m at 1064 nm (reference: in-house measurement)

** 3000 ppm/cm at 1064 nm (reference: measured with Model PCI-3 (Stanford Photo-Thermal Solutions))

Properties

Crystal Structure: Cubic
Density: 5.91 g/cm³
Lattice Constant: 1.23 nm



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