

# 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*

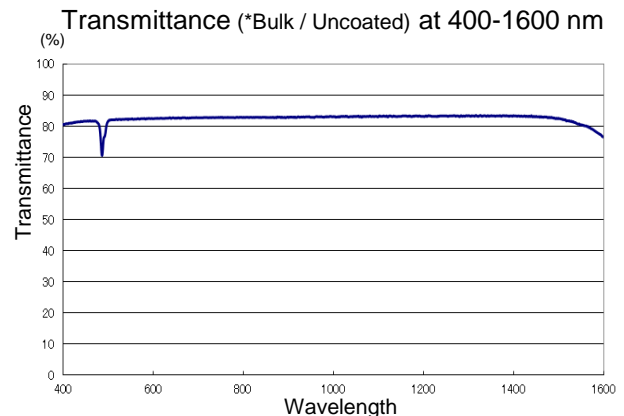


\* 48 rad/T/m at 1064 nm (reference: in-house measurement)

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

## Properties

Crystal Structure: Cubic  
Density: 5.91 g/cm<sup>3</sup>  
Lattice Constant: 1.23 nm



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