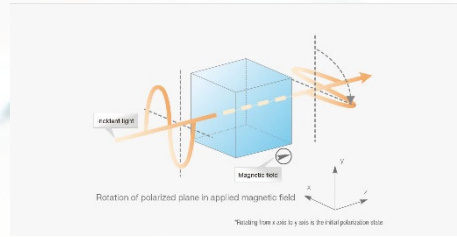


Faraday Rotator Glass

SUMITA's Faraday rotator glass is a glass material for a faraday rotator optical element, which is ideal for isolators for visible light and faraday cell polarimeters.



Paramagnetic Glass VL5000

VL5000 is a paramagnetic glass with a high rotational characteristic.

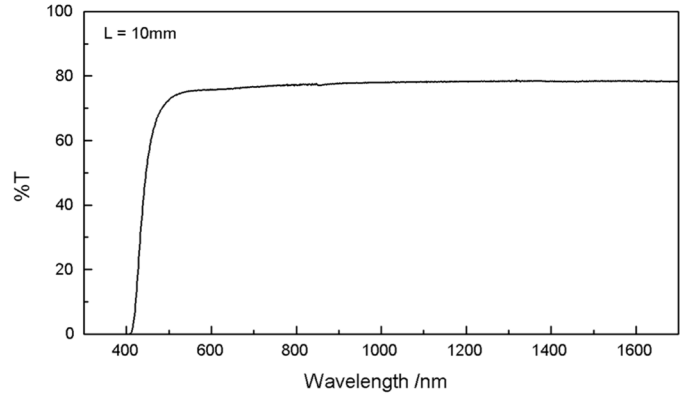
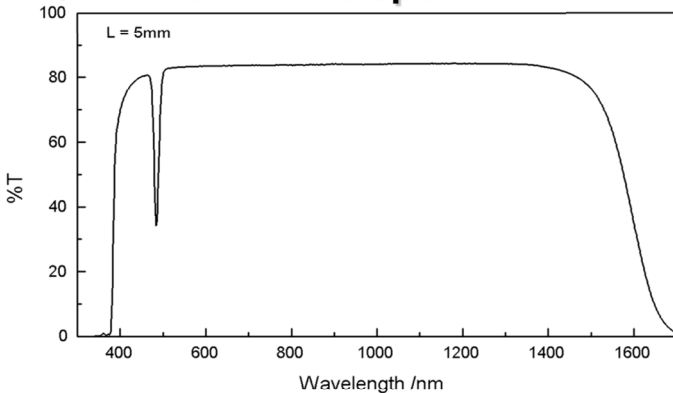
Verdet constant V (min/Oe/cm) (632.8nm, 300K)	-0.487
Transformation point Tg (°C)	767
Thermal expansion (1/°C)	86×10 ⁻⁷
Specific gravity S.g (g/cm ³)	6.13

Diamagnetic Glass VR1000

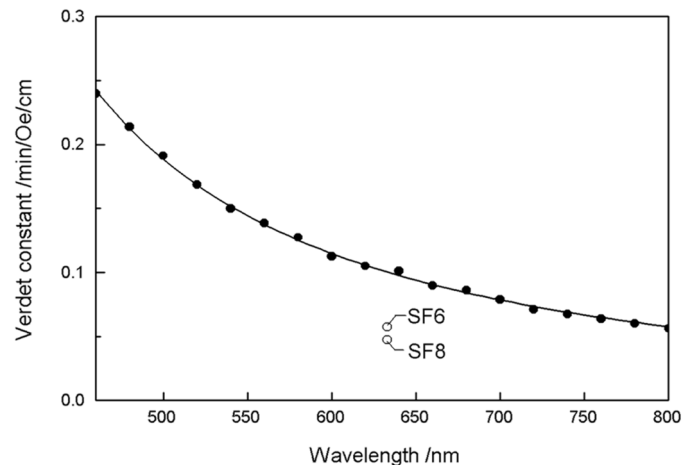
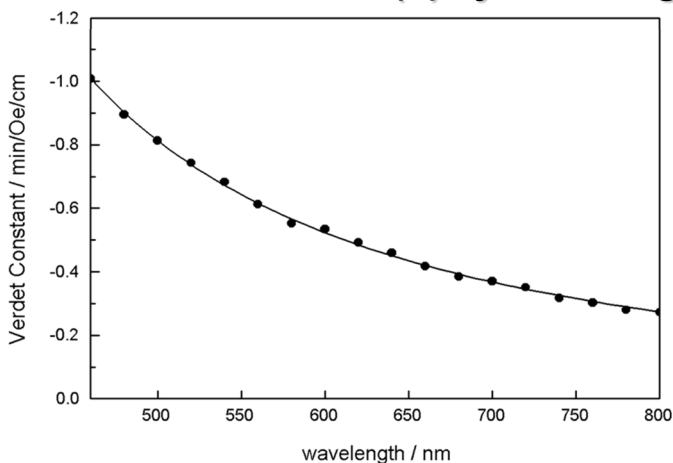
VR1000 is a diamagnetic glass, suitable for replacement use of lead glass.

Verdet constant V (min/Oe/cm) (632.8nm, 300K)	0.098
Transformation point Tg (°C)	425
Thermal expansion (1/°C)	98×10 ⁻⁷
Specific gravity S.g (g/cm ³)	7.06

◆ Transmittance Spectrum



◆ Verdet Constant (V) by Wavelength



* RoHS 6: Compliant. * The specifications of the product may be changed without prior notice.