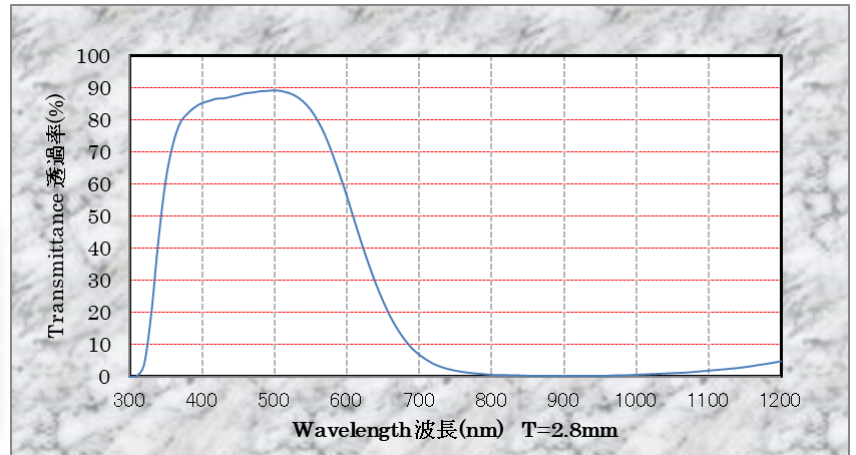




Product Name	IR585
Refractive index (nD)	1.5255
Expansion coefficient α [10 ⁻⁷ /°C]	70.8 (100/300)
Transition point Tg [°C]	573
Deformation point At[°C]	629
Softening point Ts [°C]	—
Knoop hardness Hk	410 (100g/15 sec)
Density [g/cm ³]	2.69
60°C/90% RH (non-coated)	500HR
Optical property (non-coated)	2.8mm thickness
400nm	85.0%
500nm	89.0%
600nm	56.4%
700nm	6.9%
Half maximum	609nm
Composition type	Phosphate type
RoHS regulated substances (Pb,Hg,Cr(VI),Cd)	Not contained
Halogenated substances	Fluorine contained

IR Series



Quality

- Steady visible light transmittance
- IR reduction performance regardless to A.O.I.
- High humid resistance
- * 1000HR with AR coating
- Without harmful materials

Cost

- Own composition, melting, forming
- Reasonable materials

Delivery

- Small lots with shortened terms
- Flexibility on delivery terms

REVIEW IR REDUCTION GLASS

THIS GLASS HAS BEEN DELIVERED TO NOT ONLY DOMESTICS USERS BUT ALSO GLOBAL USERS.

- IR reduction filter
- Color adjustment filter

Glass itself can absorb IR ray, so that the reduction performance will NOT be affected by A.O.I. Additionally, this glass can control band-pass / band-cut more accurately with several coatings.