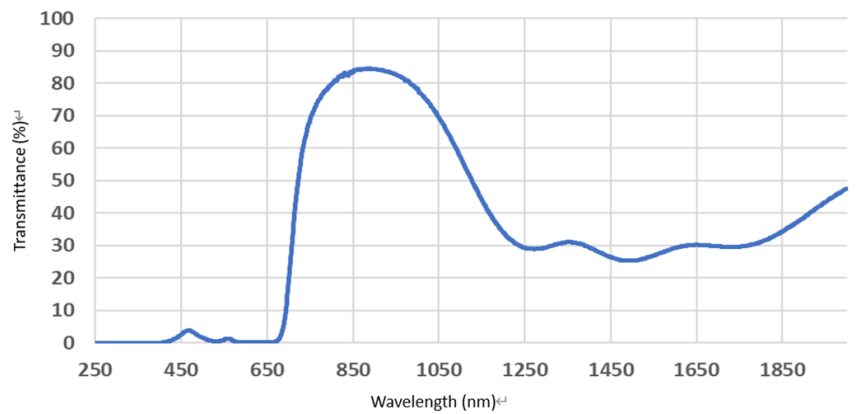


Product name	LG900
Refractive index (nD)	—
Expansion coefficient α [10 ⁻⁷ /°C]	84.32 (100/300)
Transition point Tg [°C]	573
Deformation point At [°C]	635
Softening point Ts [°C]	—
Knoop hardness Hk	— (100g/15sec)
Density [g/cm ³]	2.676
60°C/90% RH (non-coated)	1000HR
Optical property (non-coated)	0.4mm thickness
400nm	0.0%
800nm	79.8%
905nm	84.3%
1500nm	25.3%
Half maximum	722nm
Composition type	Silicate
RoHS regulated substances (Pb,Hg,Cr(VI),Cd)	Not contained
Halogenated substances	Not contained

LG Series



Focus on 905nm wavelength for LiDAR application

Even though under development / improvement, we have been developing 905nm wavelength band-pass glass regardless to A.O.I.

- Covered glass for LiDAR
- IR band-pass filter
- Inspection / measurement device filter
- Ranging sensor

Quality

High humid resistance 1000HR
Steady light transmittance
Without harmful materials

Cost

Own composition
Own melting, own forming
Reasonable materials

Delivery

Own melting, own forming
Small lots with shortened terms
Flexibility on delivery terms