

“Provide wider range lights without harmful substances”

We are now working to comply with SDGs policy. So, we are focusing on development and sales of glass made without harmful materials and that is one of our business targets. In this news, we would like to promote our product without harmful materials as for optical wave guide mainly. And we would like to deliver solutions to customers in terms of glass melting, precise processing, coating, and so on.



Long-selling in the world 【Optical wave guide】

Quality

- Without harmful materials
- Wider wave transmittance from UV to IR

Cost

- Own melting facilities, own forming process
- Pottasium free for easier ionic-exchange
- Control coating cost because of stable wave transmittance

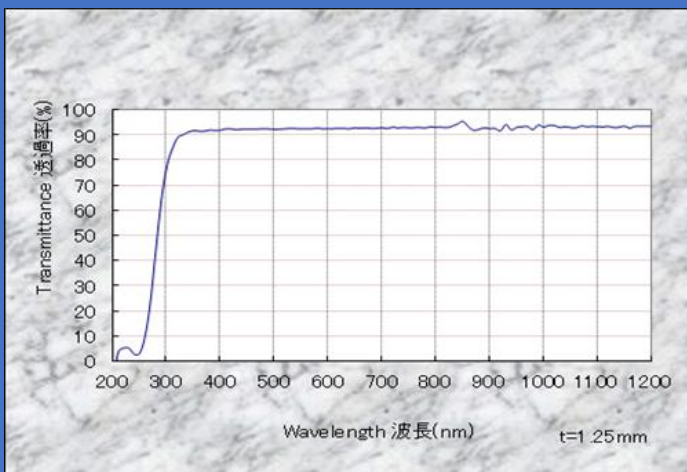
Delivery

- Own melting facilities, own forming process
- Small lots with shortened terms
- Flexibility on delivery term

【UV2743】



Instances: Optical wave guide, optical filter



Product name	UV2743-16
Refractive index (nD)	1.4965
Expansion coefficient α [$10^{-7}/^{\circ}\text{C}$]	58.0 (100/300)
Transition point Tg [$^{\circ}\text{C}$]	576
Deformation point At [$^{\circ}\text{C}$]	625
Softening point Ts [$^{\circ}\text{C}$]	710
Knoop hardness Hk	500 (100g/15sec)
Density [g/cm ³]	2.34
60 $^{\circ}\text{C}$ /90% RH(non-coated)	1000HR
Optical property (non-coated)	Thickness 1.25mm
400nm	91.9%
800nm	93.0%
1000nm	93.1%
1200nm	93.5%
Composition type	Silicate
RoHS regulated substances (Pb,Hg,Cr(VI),Cd)	Not contained
Halogenated substances	Not contained