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## PRODUCTS OR MACHINERY

OHARA optical glass serves as the cornerstone of advanced optical systems and is widely used in digital devices such as digital cameras, cellular camera phones and LCD projectors. Our leading edge materials are also used in optical devices such as microscopes and astronomical telescopes.

Optical glass has various characteristic each glass type. We introduce catalog data, quality assurance and form of supply.

OHARA's Low Softening Temperature Optical Glasses have almost the same optical constants (refractive indices and dispersions) as conventional optical glasses, and can be formed at a relatively lower temperature. This property helps to extend the life span of pressing molds because the lower pressing temperature reduces the reaction between glass and the pressing mold.

### High Transmission and Low Photoelastic Constant Glass(PBH56)

This glass has high transmittance in the region from 400 to 450 nm and very low photoelastic constant (nearly 0). The glass enables Red, Green and Blue light to transmit equally and prevent the influence of stress from heat and mechanical strain. The properties of PBH56 allow the design of compact and superior optical systems

### Light High Refractive Index Eye-Glass Material(LAH80)

OHARA developed a new lighter material for eyeglasses with the Refractive Index of 1.9 and the Specific Gravity of 3.99, which is in addition to the conventional eyeglass material with the refractive index of 1.8 and 1.9. The lenses of eyeglasses with this material can be thinner, lighter, brighter and more durable against scratches.

### L-LAH85V

Introducing L-LAH85V, a new version of general-purpose L-LAH85 with higher molding workability.

### L-LAL67

Introducing L-LAL67 with the properties of L-LAL12, which offers outstanding overall balance and cost performance, in addition to the Tg lowered to 70°C and further improvements.

## Company Profile of **OHARA INC.**

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