

MATSUNAMI's Technology (12 times in total)

Episode 1 : Glass composition development



We not only have glass processing technology but also technology to develop glass composition, melting and forming technology.

As our corporate core competencies, We are able to design glass composition, melt and form glass. For example, optical filter glass, tele-communication glass parts and glass powder and so on.

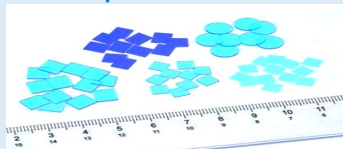
Advantages

- Able to develop various glass composition and form them out.
- Able to develop glass whatever you want
- Able to adopt your consignment production (not only mass production but also trial production)
- Able to supply glass customized for your request

Various composition and shape

- Composition : Optical filter, Color adjustment, Sensor, Heat absorption, Chemical strength, UV transparent, IR transparent, Light guide, Radiation resistance, Solid electrolyte, Dental material, Low melting point, Lead free, any other you want
- Forming : Plate, Thin plate (Micro sheet), Glass block, Powder, Glass lid, Glass mold Press formed, any other you want

<IR absorption filter>



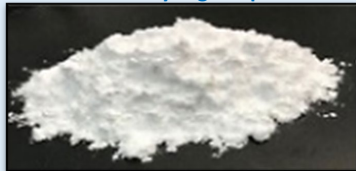
<Various optical filter>



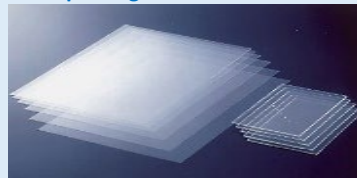
<Colored glass>



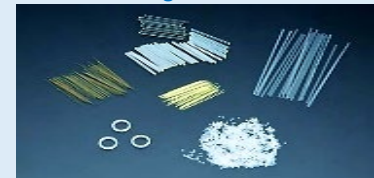
<Solid electrolyte glass powder>



<Special glass>



<For Bonding>



Application

- Covering glass/Filter for image sensor
- Covering glass/Filter for high-resonance camera/camera module
- ToF/Filter for ranging sensor
- Covering glass for optical devices (LED, semiconductor laser)
- Covering glass/Filter for industrial use camera
- Light gauge (beam splitter, light transceiver, etc)
- Radiation resistance glass
- Dental material
- Glass for Bonding/Sealing
- Solid electrolyte glass powder
- Used with various application

Process

● Not only mass production but also trial

● Able to supply any shapes of glass

Melting



Block forming



Products

