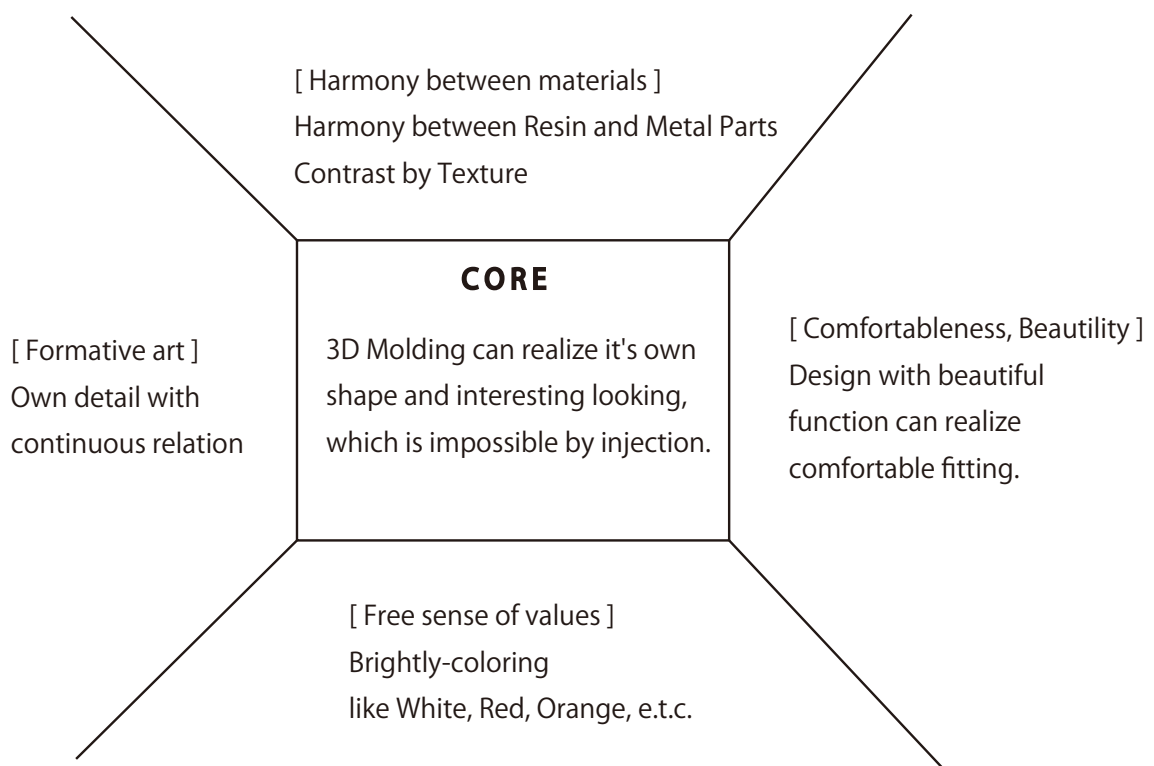


According to the sign of long delivery date, we decided to start new development way. And as the new way of development without relying on factories, we started the project as production of Optical Frames by 3D Printer to meet with short delivery date.

Without any mold of pressing nor injection, with 3D modeling data, we can realize the production at small lot, various kinds, at short delivery schedule and without any risk of stock. This stance as produce at minimum qty meets with point of view of SDGs in worldwide.

As the concept of development, we proceeded the project with some elements as below.



We concentrated into development of the shape which only 3D Printer can realize and which cultivated way of many years cannot.

4 keywords as <Harmony of materials>, <Formative art>, <Comfortableness & Beautyity> and <Free sense of values> are included in designs.

There is another feature that texture contrast between Resin of 3D molding and Metal of Titanium appeals.

Frames by 3D molding have ever been sold in Europe. However novel detail and bright-coloring are adopted in our 3D products.

There are many frames of resin by PA12 origin from petroleum. On the other hand, we adopt PA11 origin from castor oil, and we are considerate environmental problem.

Because origin from plant, material is carbon components as 100% renewable.

PA 11 is superior than PA 12 in Flexibility, Heat resistance, Versus flexion fatigue and Anti-abrasion.