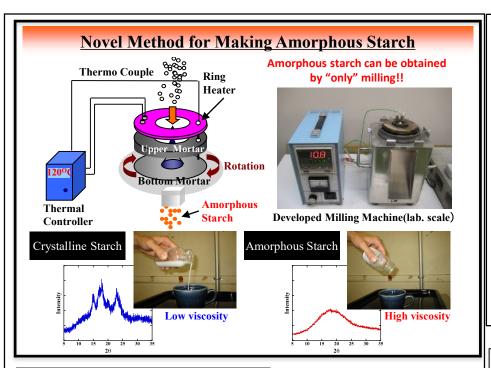
Novel Method for Making Amorphous Starch by Milling without Adding Water Professor Akihiro NISHIOKA



Starch Plastic composite General Method Plastic Water Starch With water Without water Kneader



Content:

We have focused on "starch", which is one of the natural polymers. In our research, novel technique for making amorphous starch by only milling without adding water was investigated. By using our developed amorphous starch, gluten free food such as pure rice bread, rice cream puff can be easily obtained. Furthermore, our amorphous starch can be applied to the field of plastic/starch composite. We have been estimating possibilities and applications of our amorphous starch in various engineering field.

Appealing point:

One of the my "Appealing point" is to be able to develop new products by using our novel research results and its knowledges.

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Research Interest: Polymer materials

Polymer processing Food rheology

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