

Challenge to Chemical Recycling of Plastics!

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Overview

Plastics, which are mostly made from fossil fuels, are essential materials of our daily lives. On the other hand, plastic pollution has become a serious environmental problem around the world. To balance the benefiting from the convenience of using plastics while also protecting the environment, effective recycling is very important.

In this creative engineering training course, you will challenge how plastics can be chemically recycled using a process namely as pyrolysis. Pyrolysis is a method of breaking chemical bonds of plastics by heating. You will collect plastic samples and analyze them by yourself. Let's discover what kinds of useful chemical substances that can be converted when heated plastics via several hundred degrees Celsius. Let's enjoy and experience the world of chemical recycling of plastics!

