

# Material Flow in Business Operations

The Nitto Denko Group promotes the material and thermal recycling of industrial waste. For example, organic solvent vapors are recycled using recovery equipment (material recycling) or the heat generated from incineration of organic solvent vapors in an oxidizer is reused (thermal recycling).

**Material Flow in Fiscal 2005** (Nitto Denko Corporation on a Non-Consolidated Basis)

## Increasing the Amount of Materials Recycled by Initiating the Full-Scale Operation of the Recycling Promotion Center

In fiscal 2005, the total weight of materials purchased (synthetic resin, paper, rubber, and others) added up to 202,720 metric tons, and the total amount of energy purchased came to 126,400 kiloliters (in crude oil equivalent).

The amount of materials recycled in fiscal 2005 increased to 17,822 metric tons as a result of recycling organic solvents with the use of recovery equipment at the Toyohashi Plant and recycling waste plastic. The amount of plastic recycled increased

approximately 30% from the fiscal 2004 level due to the launch of the Recycling Promotion Center at the Toyohashi Plant.

As for thermal recycling, approximately 24% (40,136 kiloliters in crude oil equivalent) of the energy consumed by Nitto Denko Corporation was derived from heat generated from incinerating organic solvent vapors in an oxidizer as well as from incinerating waste.

### Material Flow in Fiscal 2005

