

5 Elimination of yellowing problems

Resource
consumption cut

Productivity UP

**For Yellowing Prevention of
Olefin Optical Materials And PC**

Added Value UP

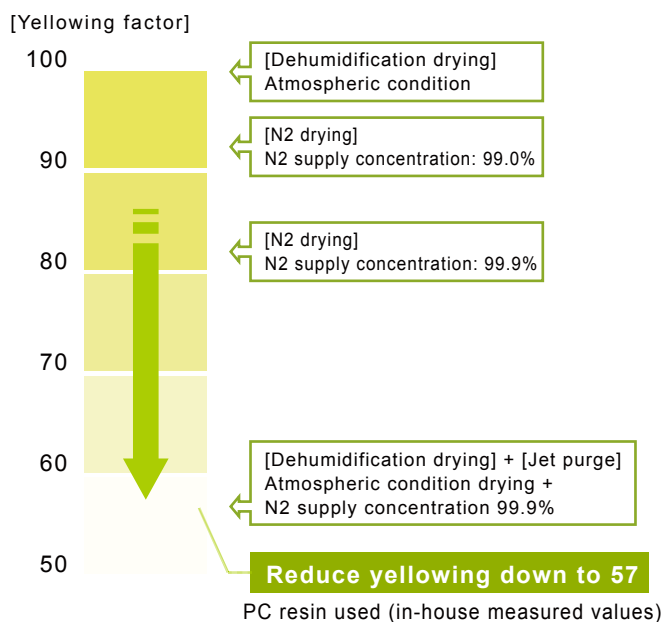
Having trouble with yellowing of the molded items?
Simply by attaching it to the existing material dryer, yellowing
of the molded items can be prevented.

Nitrogen Purge Unit

Overview

This unit prevents resin temperature drop as well as yellowing and gas generation
by providing temperature-controlled hot nitrogen to the material inlet.

Existing dehumidification dryer +
N2 generator + N2P



[N2P]

Features

- Can be added to the current existing dehumidification dryer.
- By providing heated N2, temperature drop of the resin at the molding machine hopper, preventing re-humidification.
- A small amount of high-purity nitrogen (99.9%) improve yellowing factor as much as the nitrogen dryer.

