Drying Condition and Water Absorption

Water absorption for each drying condition with “Soarnol®” is shown in the following. “Soarnol®” easily absorbs water due to hydroxyl group of its molecular structure. Please refrain from moisture in case of usage and storage to the best of your ability. When “Soarnol®” absorbs water, please handle it appropriately out of consideration of drying efficiency. Generally, in order to achieve water absorption value less than 0.3%, we recommend drying of a few hours at the temperature of 90-110deg C.

(1) Drying Condition

- **Dryer**: Air circulating dryer of 400 liter volume with a dehumidifier in batch system
- **Air circulation**: 180 m³/hr
- **Dew Point of air for drying**: -50deg C
- **Charge**: 200 kg

![Diagram of air circulating dryer with dehumidified heated air and observation of drying temperature](image-url)
(2) Water absorption behaviour for each drying condition

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