

**Cotin® 100**  
Technical Data Sheet



**Product Identification**

Cotin® 100 is dibutyltin oxide catalyst. It is an agglomerated powder, which will pass through a 20-mesh screen with an average particle size of 130 microns.

Cotin® 100 is an active catalyst for esterification, transesterification and polycondensation for the preparation of esters, polyesters and alkyds. Dehydration reactions and the oxidative degradation of alcohols to aldehydes and ketones can be minimized with this catalyst. In comparison to lithium hydroxide, Cotin® 100 can reduce the reaction time, minimize “seeding” and lessen the time for the filtering stage resulting in a faster unloading of resin.

	<u>Property</u>	<u>Value</u>
<b>Physical Properties</b>	Active Ingredient	100%
	Color	White to light tan
	Density, lbs./gal, 25°C	13.15
	Metal Content	47%
	Form	Amorphous powder
	Solubility in organic solvents	Insoluble
	Solubility in water	insoluble
	Specific Gravity, 25°C/25°C	1.58

- Applications**
- Catalyst for the preparation of esters, polyesters and alkyds
  - Reduced reaction time and seed formation over lithium hydroxide
  - Urethane Intermediates, Polymers
  - Chemical Intermediates

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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