

FASCAT® 4350 Catalyst

Butyltin

Description

FASCAT 4350 catalyst, a proprietary butyltin compound, is an amorphous white powder. This product is available in 44 lb (20kg) pails and 220 lb (100kg) drums.

Applications

FASCAT 4350 is specifically designed for use in the preparation of alkyd resins in alcoholosis and esterification steps. Catalyst effectiveness has been shown in a number of short, medium, and long oil alkyds prepared from fusion and solvent processes. When used at concentrations of 0.03% to 0.04% by weight of total oil, this catalyst has demonstrated a reduction of 20% to 25% in reaction time as well as improved color and haze. Our results show no apparent change in product drying time, physical or chemical properties as compared to lithium catalyzed systems.

Product Specifications

Properties	Specifications
% Sn	52
Specific Gravity	1.52
% Chloride	<1
Loss on Drying %	<2

Solubility

Insoluble in most organic solvents and water.

Product Features

FASCAT 4350 is a highly active transesterification, esterification catalyst at temperatures in the range 220°C-240°C.

Benefits

FASCAT 4350 catalyst can significantly shorten esterification and transesterification cycle time compared to uncatalyzed systems. FASCAT 4350 catalyst offers energy savings due to lower reaction temperatures, as well as more efficient use of equipment.

FASCAT 4350 offers:

- Material cost savings
- Increased productivity
- Improved product quality (color and haze)

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