

FASCAT® 2004 Catalyst

Stannous Chloride

CAS Registry Number: 7772-99-8

Description

FASCAT 2004 catalyst, stannous chloride, is a solid white to off-white flaked material. This product is available in 55 lb (25kg) pails and 100 lb (45kg) drums.

Applications

FASCAT 2004 catalyst is an effective esterification catalyst in variety of industrial applications. It is used in the production of thermoplastic elastomers and as a raw material to produce other stannous tin derivatives.

Product Specifications

Properties	Specifications
Formula	SnCl ₂
% Sn	62.6
Molecular Weight	189.6
Melting Point °C	246
Boiling Point °C	652
Specific Gravity (@25°C)	3.95
Viscosity (@25°C)	250 cp

Solubility

Soluble in water, acetone, ethanol, methyl isobutyl carbinol, isopropanol, and methyl ethyl ketone. Slightly soluble in isoamyl acetate, diethyl ether, mineral spirits. Insoluble in petroleum naphtha and xylene.

Product Features and Benefits

FASCAT 2004 catalyst is a solid catalyst that can be used for the formation of esters from acids and alcohols where removal of the catalyst is desirable after completion of the reaction. It is hygroscopic and is sensitive to oxidation or exposure to oxidizing agents. FASCAT 2004 becomes insoluble in the final ester product and can be removed by filtration.

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