

TMG 160

TMG 160 is used as an eco-friendly and inorganic-tin catalyst in the production of polyester resins and oleo chemicals. The product possesses a high level of catalytic activity which leads to almost complete conversions with short reaction times, especially at higher reaction temperatures (>180 °C) and which enables the production of light-coloured esters. Secondary reactions do hardly occur in comparison to acidic catalysts.

TMG 160 is not corrosive.

The quantities of TMG 160 generally used for esterification processes are between 0.06-0.1%. Having finished the reaction, it can be removed by chemical treatment or adsorption with TMG TINEX-products.

Chemical characteristics	
Formula	SnC ₂ O ₄
CAS No.	814-94-8
Molecular weight	206.7
Total tin content	≥57.0%
Chloride content	≤0.05%

Physical characteristics

Color	white
State of aggregation	Powder
Density (20 °C)	3.55g/cm ³
Solubility	Practically insoluble in water and organic solvents

Storage

TMG 160 can be stored for least one year if kept closed in the original packaging.

Packaging

25kg drum

Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
 - protective measures for storage and handling
 - safety measures in case of accident and fire
 - toxicity and ecological effects
- are given in our material safety data sheets.