

TIB KAT[®] 188

TIB KAT 188 is a free-flowing, dry and stable Tin-(II)-oxide which has excellent catalytic properties as an esterification catalyst.

TIB KAT 188 is a neutral and non-corrosive compound.

The quantities of **TIB KAT 188** to be added for esterification are generally between 0.01 and 0.10 wt.-%. **TIB KAT 188** shows the highest catalytic activity at reaction temperatures between 180 - 260°C.

TIB KAT 188 is easily removable from esters by chemical reactions or by adsorption with our **TIB TINEX[®]**-products.

Product Data	
Chemical formula	SnO
CAS No.	21651-19-4
Molecular weight	134.6 g/mol
State of aggregation	powdered, free-flowing
Density (20°C)	approx 6.5 g/cm ³
Colour	black
Chloride content	< 50 ppm
Sulfate content	< 50 ppm
Iron content	< 200 ppm
Solubility	- insoluble in water and organic solvents - soluble in strong acids and bases

Specification

Total tin content	≥ 87.0 %
Tin (II) content	87.0 – 88.0 %

Storage

TIB KAT 188 can be stored for at least 18 months if kept closed in the original packaging.

Packaging

25 kg drum,
other packaging size upon request.

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

is given in our material safety data sheet.

Customs Tariff No.: 2825 9085

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