# TMG 234

**TMG 234** is useful for the following applications:

- Esterification and transesterification catalyst
- Condensation catalyst for silanemodified polymers
- Stabilizer for PVC
- Use as heat stabilizer for ABS/PVC alloys, recommended concentration: 0.03-1 %.
- Use as heat stabilizer for flame retardant versions of ABS, especially when halogenated flame retardants like hexabromocylododecane and similar products are used,recommended concentration: 0.1 – 1%
- Use in ABS / PTFE blends with flame retardant properties
- Use as coupling agent for glass-fibre reinforced thermoplastic ABS, TMG 234 improves the notched impact strength
- Use as dispersant for TiO2 in ABS

**TMG 234** distinguishes by its especially high purity. The content of volatiles is very low.

| **Chemical characteristics** | |
|---|---|
| Formula | $(C_4H_9)_2Sn(OOCCH)_2$ |
| CAS No. | 78-04-6 |
| Molecular weight | 347 |
| Tin content | ≥33% |

| **Physical characteristics** | |
|---|---|
| State of aggregation | Powder |
| Color | White or yellowish |
| Melting point | 90-110 ℃ |
| Water content | ≤ 2% |

## Storage

**TMG 234** can be stored at least one year if kept closed at a dry place in the original packaging.

## Packaging

20kg/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.