MARK® T 682

Description
Octyltin maleate stabiliser

Delivery form
Clear, yellowish, low viscosity liquid

Specification
The specified values are given in the Product Specification.

Application
MARK® T 682 is mainly used in the production of rigid PVC packaging materials to comply with food regulations. MARK® T 682 is especially suited for extrusion blow moulding of very thin, almost odourless packaging film with excellent transparency. This application requires a careful adjustment of lubricants and processing aids.

MARK® T 682 is also used for pre-stabilising PVC in the polymerisation reactor. At concentrations of 0.1 - 0.3 phr the thermal decomposition during the monomer stripping process of the polymer can be considerably reduced.

PVC resin pre-stabilised with MARK® T 682 shows no staining by applying the commonly used thermostabilisers during processing.

During processing of organotin maleates in open systems volatile reaction products causing irritations of the mucous membranes may be liberated and the use of effective exhaustors is recommended.

A comparison of the property profiles of the different MARK® octyltin standard products is given in our product survey (Additives for PVC Processing).

Approval
MARK® T 682 is approved in many countries for the stabilisation of rigid PVC packaging materials. For details please refer to our separate positive list.

Dosage
Recommended concentration: 1.2 phr

Packaging
MARK® T 682 is supplied in standard steel lid drums, which can be reused and recycled and which conform to the UN regulations (contents 220 kg), as well as in recyclable IBC (intermediate bulk containers, content: 1000 kg).

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Storage

Recommended storage temperature: 15 to 30 °C. Keep containers dry and reseal tightly after use. The product has the tendency to form a precipitation of solid dioctyltinmaleate; small amounts however do not affect the efficiency of the stabiliser.