

Tinhibitor™ 1706 Polymerisation Inhibitor

Introduction Tinhibitor™ 1706 is a new type of free radical polymeric inhibitor with high efficiency and wide application.

Chemical Name 4,4'-[(1,10-dioxodecane-1,10-diyl)bis(oxy)]bis(2,2,6,6-tetramethylpiperidine-1-oxidanyl)

CAS Number 2516-92-9

EINECS Number 417-440-8

Chemical Formula C₂₈H₅₀N₂O₆

Molecular Weight 510.72

Physical Properties

Appearance	Orange Powder
Melting Point (°C)	99-102
Volatile Loss (%)	Max.1.0
Ash (%)	Max.0.1
Purity (%)	Min.95.0

Benefits & Applications

Higher boiling point and molecular weight, which can be more resistant to negative pressure evaporation.

Good polymerization resistance to acrylate, methacrylate, acrylic acid, acrylonitrile, styrene and butadiene.

Tinhibitor™ 1706 can be used to prevent polyolefin monomers from self-polymerization during production, separation, refining, storage or transportation.

Tinhibitor™ 1706 can be used to control and regulate the degree of polymerization of olefin and its derivatives in organic synthesis.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

Tinhibitor™ 1706 Polymerisation Inhibitor

This product may be stored up to two years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

Tinhibitor™ 1706 is supplied in 25Kg Carton Box.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.