

Everaox[®] 501

High performance thermal stabilizer blend for polyurethane application

Introduction

Everaox[®] 501 is a liquid-type and phenol-free thermal stabilizer. Everaox[®] 501 is recommended to add in PU resin and TPU synthesis process, and can offer an outstanding protection against the polymer degradation and yellowish induced by oxidation.

Physical Properties

Appearance

Slightly yellow Liquid

Viscosity (25℃)

300-500 mPa.s

Advantages :

Light color which won't affect final product's initial color.

Very good compatibility with both polyester and polyether type PU

Protect polymer against thermo-oxidative degradation during manufacture and processing.

Recommendation

Everaox[®] 501 is particularly recommended for polyurethane or thermal-plastic PU applications (especially foam and artificial leather), solvent-based coatings, elastomers, adhesives& sealants, and other organic substrates.

Typically dosage range of Everaox[®] 501 is 0.05 – 1.0 % by weight and provides long term thermal stability to the polymer.

Handling & Safety

Personal equipment for protection is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

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Storage Conditions

Everaox[®] 501 should be kept in a dry, dark place without any light exposure. Water will damage product without sealing well for a long period of time.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose. Seller makes no representation or warranty to express or implied including of merchantability or fitness for particular purpose.

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