

# PowerNox™ DSTDP

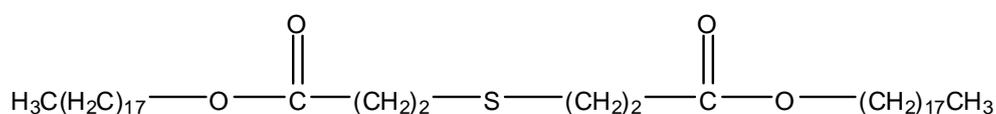
*New Materials Creating New Performances*

**Quality Products.  
Dependable Service.**

## CHEMICAL NAME

Distearyl thiodipropionate

## CHEMICAL STRUCTURE



## INTRODUCTION

PowerNox™ DSTDP is a secondary thio's ester antioxidant for organic polymers.

## PHYSICAL PROPERTIES

CAS No.	693-36-7
EC No.	211-750-5
Formula	C <sub>42</sub> H <sub>82</sub> O <sub>4</sub> S
Molecular Weight	683
Melting Point(°C)	64-69
Volatile Loss(%)	Max.0.5
Color(Molten,APHA)	Max.50
Acid Value (mgKOH/g)	Max.0.05
Color of Solution 425nm (%)	Min.97
Color of Solution 500nm (%)	Min.98
Appearance	White Powder
Ash(%)	Max.0.01
Min. Purity	98%

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. We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Copyright © TinToll Performance Materials Co., Ltd. [www.TinToll.com](http://www.TinToll.com).



# PowerNox™ DSTDP

*New Materials Creating New Performances*

**Quality Products.  
Dependable Service.**

## APPLICATIONS

PowerNox™ DSTDP can be used as antioxidant for Plastics, Rubber, synthetic Fiber, Fat and Oils, Petroleum products.

PowerNox™ DSTDP is mainly used in PE, PP, ABS, HIPS, Polyester and polyamide.

PowerNox™ DSTDP can be used as a synergist in combination with phenolic antioxidants.

- Enhance aging and light stability.

## HANDLING AND 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.

This product may be stored up to one year 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

PowerNox™ DSTDP is supplied in 25Kg Carton Box, 50Kg Fiber Drum.

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. We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.  
Copyright © TinToll Performance Materials Co., Ltd. [www.TinToll.com](http://www.TinToll.com).

