

PowerNox™ DLTDP

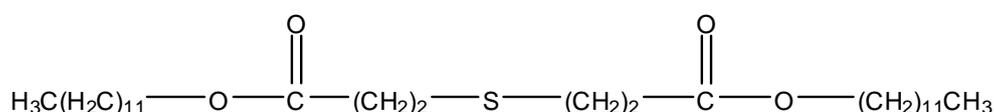
New Materials Creating New Performances

**Quality Products.
Dependable Service.**

CHEMICAL NAME

Dilauryl thiodipropionate

CHEMICAL STRUCTURE



INTRODUCTION

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

PHYSICAL PROPERTIES

CAS No.	123-28-4
EC No.	204-614-1
Formula	C ₃₀ H ₅₈ O ₄ S
Molecular Weight	515
Melting Point(°C)	39-41
Volatile Loss(%)	Max.0.5
Color(Molten,APHA)	Max.60
Acid Value (mgKOH/g)	Max.0.5
Appearance	White Powder
Ash(%)	Max.0.05
Min. Purity	99%
Solubility (20°C)	% w/w
Acetone	55
Ethanol	4

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Ethyl acetate	60
n-Hexane	52
Toluene	65
Glycerin	<0.01
Ethylene Glycol	<0.01
Propylene Glycol	<0.01
Water	<0.01

APPLICATIONS

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

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

PowerNox™ DLTDP 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™ DLTDP is supplied in 20Kg PE Bag, 25Kg Carton Box, 50Kg Fiber Drum,

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185kg steel Drum.

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