

PowerNox™ 4120

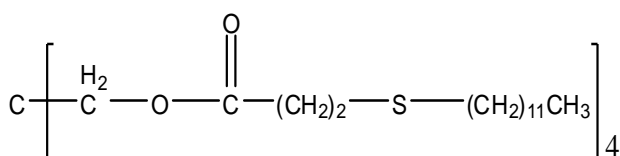
New Materials Creating New Performances

**Quality Products.
Dependable Service.**

CHEMICAL NAME

Pentaerythryl tetrakis(3-laurylthiopropionate)

CHEMICAL STRUCTURE



INTRODUCTION

PowerNox™ 4120 is a secondary antioxidant for organic polymers. It is a sulfur containing antioxidant with high molecular weight, and the characteristics of low volatility and high performance.

PHYSICAL PROPERTIES

CAS No.	29598-76-3
EC No.	249-720-9
Formula	C ₆₅ H ₁₂₄ O ₈ S ₄
Molecular Weight	1162
Melting Point(°C)	48-54
Volatile Loss(%)	Max.0.5
Color of solution 425nm (%)	Min.97
Color of solution 500nm (%)	Min.98
Appearance	White Powder
Ash(%)	0.1 Max
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.



PowerNox™ 4120

New Materials Creating New Performances

**Quality Products.
Dependable Service.**

APPLICATIONS

PowerNox™ 4120 performs as a better synergist with phenolic antioxidant than SONGNOXTM DLTPD & DSTDP and etc.

PowerNox™ 4120 can be used in combination with hindered phenolic antioxidants to achieve synergistic Performance.

PowerNox™ 4120 has high heat resistance and low leaching properties.

PowerNox™ 4120 is an antioxidant for PP, PE, ABS, PC-ABS and engineering thermoplastics.

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™ 4120 is supplied in a 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.

