

PowerNox™ 4120 Antioxidant

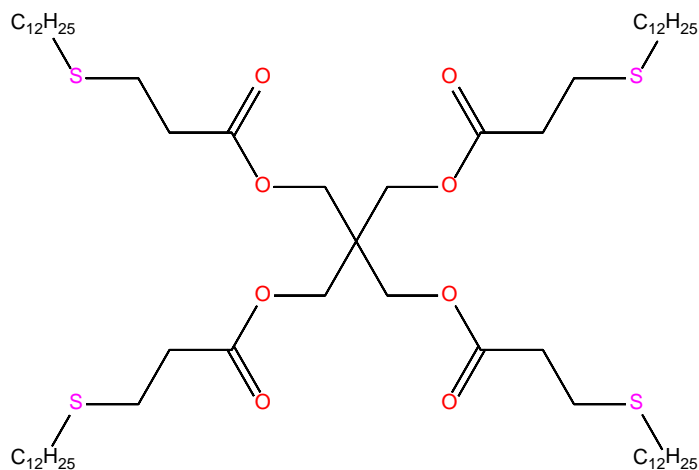
Introduction PowerNox™ 4120 is a secondary antioxidant for organic polymers. It is a sulfur containing antioxidant with high molecular weight, and the characteristics of low volatility and high performance.

Chemical Name Pentaerythrityl tetrakis(3-laurylthiopropionate)

CAS Number 29598-76-3

EINECS Number 249-720-9

Chemical Structure



Chemical Formula $C_{65}H_{124}O_8S_4$

Molecular Weight 1162

Physical Properties

Appearance	White Powder
Melting Point (°C)	48-54
Volatile Loss (%)	Max.0.5
Color of solution 425nm (%)	Min.97
Color of solution 500nm (%)	Min.98
Ash (%)	Max.0.1
Purity (%)	Min.98

PowerNox™ 4120 Antioxidant

Benefits & 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 & 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 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.

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.

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.

Sustainable Innovation for a Better Future



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