

PowerNox™ 618 Antioxidant

Introduction PowerNox™ 618 is an excellent color improvement. It has high process stability.

Chemical Name Cyclic Neopentaneteraylbis (Octadecyl Phosphite)

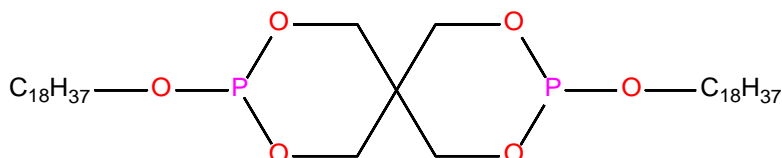
Synonym:

2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis(octadecyloxy)

CAS Number 3806-34-6

EINECS Number 223-276-6

Chemical Structure



Chemical Formula $C_{41}H_{82}O_6P_2$

Molecular Weight 732

Physical Properties

Appearance	White Crystals
Melting Point (°C)	37-46
Phosphorous content (%)	7.3-7.9
Phenol Content (%)	0-0.6
Acid Value	0-1.0

Benefits & Applications

PowerNox™ 618 is suitable for the protection of various polymers, such as PBT, PET, PC, PA and PVC, and it is particularly recommended for PP, PE, PS and ABS.

PowerNox™ 618 is particularly suitable for applications which require process stability and discoloration prevention.

PowerNox™ 618 Antioxidant

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™ 618 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.