

PowerNox™ 6260 Antioxidant

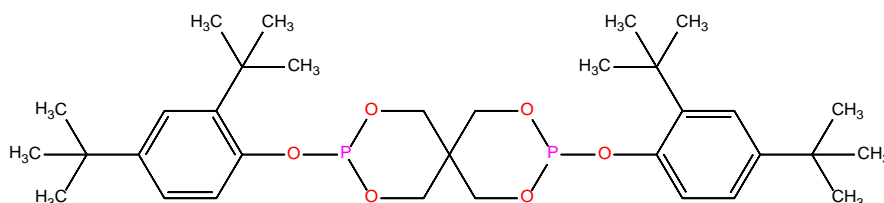
Introduction PowerNox™ 6260 is a secondary high-performance antioxidant for organic polymers. It has excellent melt flow and color protection during thermal processing of polymers.

Chemical Name Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite

CAS Number 26741-53-7

EINECS Number 247-952-5

Chemical Structure



Chemical Formula $C_{33}H_{50}O_6P_2$

Molecular Weight 604

Physical Properties

Appearance	White to Off-white Powder
Melting point (°C)	160-175
Volatile loss (%)	Max.0.5
Phosphorous Content (%)	10-10.3
Acid Value (mg KOH/g)	Max.1.0
2,4-DTBP Content (%)	Max.1.0
Purity (%)	Min.99

Solubility

Solubility [20°C]	% w/w
Acetone	8.5
Heptane	4.5
Mineral Oil	10
THF	35
n-Hexane	4.5

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Methanol	1.9
Toluene	35.7
Water	<0.01

Benefits & Applications

PowerNox™ 6260 can be used as excellent melt flow and color protection during thermal processing of polymers.

PowerNox™ 6260 can be used in combination with hindered phenol.

PowerNox™ 6260 can be used with benzotriazoles and HALS for thermal and light stabilization in outdoor use.

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™ 6260 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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