

PowerNox™ 1150 Antioxidant

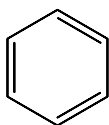
Introduction PowerNox™1150 belongs to the family of sterically hindered high performance phenolic antioxidants. It has an exceptional high anti-oxidant performance and is ideal for use in ABS, PVC and elastomers.

Chemical Name 2,2'-(2-methylpropylidene)bis[4,6-xyleneol]

CAS Number 33145-10-7

EINECS Number 251-394-8

Chemical Structure



Chemical Formula C₂₀H₂₆O₂

Molecular Weight 298

Physical Properties

Appearance	White to off-white powder
Melting Point (°C)	158-164
Flash Point (°C)	200
Specific Gravity	1.12
Ash	Max.0.1
Ammonium Sulfate (%)	Max.0.1
Other Antioxidant (%)	Max.0.01
Volatile (%)	Max.0.5
Assay (%)	Min.99.5

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Solubility

Solubility [25°C]	% w/w
n-Hexane	<0.1
Acetone	31
Chloroform	7
Water	<0.1
Methylcyclohexane	1.4
Ethyl Acetate	55
n-Heptane	2
Toluene	9
Methanol	22

Benefits & Applications

PowerNox™1150 is a non-discoloring antioxidant based on a sterically hindered alkylated bis-phenol.

PowerNox™1150 is also an outstanding stabilizer for lattices (such as for dipped rubber goods, foam, rubber threads, carpet backings) and rubber solutions.

PowerNox™1150 is an excellent metal deactivator in cross-linked polyethylene (XLPE) and is also used for various photo applications.

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 four years 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™1150 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.



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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.

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We disclaim liability for any incidental or consequential damages.