

PowerNox™ 425 Antioxidant

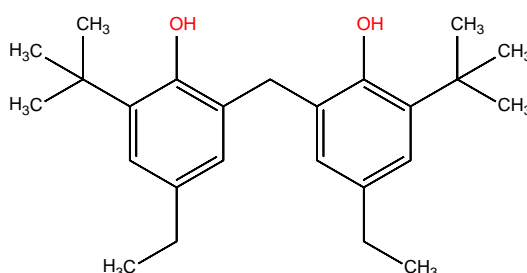
Introduction PowerNox™425 is a phenolic antioxidant used as a resin additive or resin chemical.

Chemical Name 6,6'-di-tert-butyl-4,4'-diethyl-2,2'-methylenediphenol

CAS Number 88-24-4

EINECS Number 201-814-0

Chemical Structure



Chemical Formula $C_{25}H_{36}O_2$

Molecular Weight 369

Physical Properties

Appearance	White Powder
Melting Point (°C)	117-129
pH	5.0-7.5
Specific Gravity	1.10
APHA	Max.1000
Moisture Content	Max.0.5
Ash	Max.0.25
Purity (%)	Min.99.0

PowerNox™ 425 Antioxidant

Benefits & Applications

PowerNox™425 is an antioxidant, which provides excellent processing and thermal stability to rubbers, acrylics and ABS copolymers.

PowerNox™425 offers excellent viscosity stability with little discoloration. Used for ABS resins and latex, as well as for PVC.

PowerNox™425 can be used in medical equipment and pharmaceuticals packaging and non-food plastic packaging 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 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™425 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.

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We disclaim liability for any incidental or consequential damages.