

PowerNox™ 4425 Antioxidant

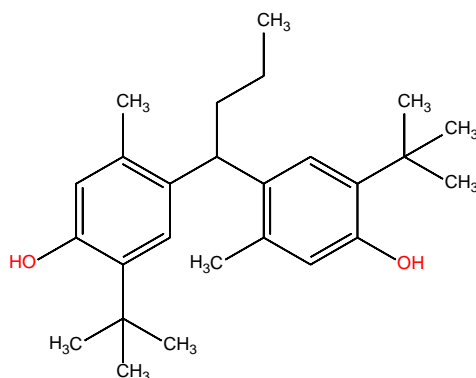
Introduction PowerNox™4425 is a non-discoloring antioxidant with a wide range of applications for thermoplastics and adhesives.

Chemical Name 4,4'-Butylidene-bis-(6-butyl-3-methylphenol)

CAS Number 85-60-9

EINECS Number 201-618-5

Chemical Structure



Chemical Formula C₂₆H₃₈O₂

Molecular Weight 383

Physical Properties

Appearance	White Powder
Melting Point (°C)	208-214
Volatile Loss (%)	Max.0.5
Ash (%)	Max.0.1
Color of Solution 425nm (%)	Min.95.0
Color of Solution 500nm (%)	Min.97.0
Purity (%)	Min.99.0

PowerNox™ 4425 Antioxidant

Benefits & Applications

PowerNox™4425 is a primary antioxidant for organic polymers.

PowerNox™4425 is highly effective in polyamide and tire cod as well as high impact polystyrene, ABS, polyesters, most elastomers and rubbers.

PowerNox™4425 exhibits a synergistic effect in combination with PowerNox™1680 and other secondary antioxidants.

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™4425 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.