

PowerNox™ 1081 Antioxidant

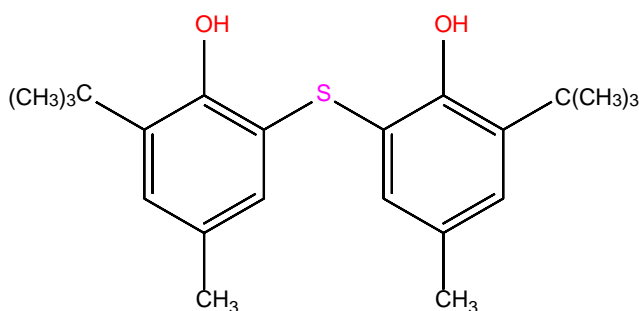
Introduction PowerNox™ 1081 is a non-staining and non-discoloring hindered thiophenol antioxidant.

Chemical Name 2,2'-Thiobis(6-t-butyl-4-methylphenol)

CAS Number 90-66-4

EINECS Number 202-009-7

Chemical Structure



Chemical Formula $C_{22}H_{30}O_2S$

Molecular Weight 358

Physical Properties

Appearance	White to cream powder
Melting Point (°C)	82-85
Volatile Loss (%)	Max.0.5
Color of Solution 460nm (%)	Min.90
Color of Solution 500nm (%)	Min.95
Ash (%)	Max.0.05
Purity (%)	Min.98

Solubility

Solubility [25°C]	% w/w
Acetone	>100
Ethanol	77

PowerNox™ 1081 Antioxidant

n-Hexane	32
Methanol	40
Diethyl ether	>100
Water	<0.1

Benefits & Applications

PowerNox™ 1081 is mainly used for wire and cable 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™ 1081 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.