

PowerNox™ B1171 Antioxidant

Introduction

PowerNox™ B1171 is a 1:1 blend of PowerNox™ 1098 and PowerNox™ 1680 developed for the stabilization of polyamides and other polymers.

Chemical Name

Blend of PowerNox™ 1098 and PowerNox™ 1680 at ratio of 1:1.

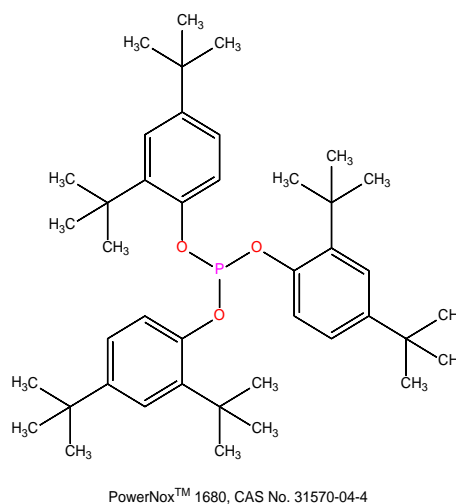
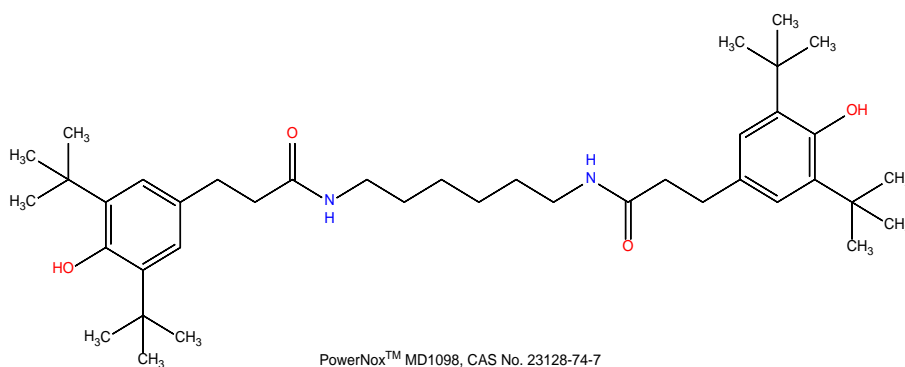
CAS Number

23128-74-7 + 31570-04-4

EINECS Number

245-442-7 + 250-709-6

Chemical Structure



Chemical Formula

PowerNox™ 1098: $C_{40}H_{64}O_4N_2$

PowerNox™ 1680: $C_{42}H_{63}O_3P$

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Molecular Weight PowerNox™ 1098: 637
PowerNox™ 1680: 647

Physical Properties

Appearance	White Powder
Melting Point (°C)	Min.156
Flash Point (°C)	Min.150

Benefits & Applications

PowerNox™ B1171 is an antioxidant blend developed for use in polyamides.

PowerNox™ B1171 excels over copper-based stabilizing systems used for polyamides, offering advantages in both color quality and resistance to extraction.

PowerNox™ B1171 offers outstanding processing and enduring thermal stability, along with superior initial resin color, and it enhances the stability against light.

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 two 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™ B1171 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



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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.

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