

PowerNox™ 445 Antioxidant

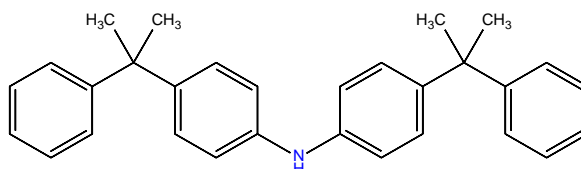
Introduction PowerNox™ 445 is a non-discoloring amine antioxidant, used as a heat stabilizer.

Chemical Name Bis[4-(2-phenyl-2-propyl)phenyl]amine

CAS Number 10081-67-1

EINECS Number 233-215-5

Chemical Structure



Chemical Formula C₃₀H₃₁N

Molecular Weight 405.57

Physical Properties

Appearance	White powder or granules
Melting Point (°C)	98-100
Specific gravity [55°C]	1.14

Benefits & Applications

PowerNox™ 445 acts as an antioxidant in a wide variety of applications, including polyolefins, styrenics, and polyamides. Offers very good performance at processing temperatures. This antioxidant exhibits strong synergy with other primary and auxiliary antioxidants.

Handling & Safety

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



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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™ 445 is supplied in 25Kg Plastic Bag.

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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