

PowerNox™ 1290 Antioxidant

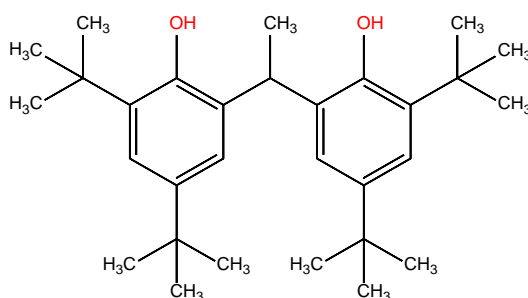
Introduction PowerNox™ 1290 is a highly effective, sterically hindered bisphenol antioxidant useful for a number of organic substrates.

Chemical Name 2,2'-Ethylidenebis(4,6-di-tert-butylphenol)

CAS Number 35958-30-6

EINECS Number 252-816-3

Chemical Structure



Chemical Formula C₃₀H₄₆O₂

Molecular Weight 438.7

Physical Properties

Appearance	White Powder
Softening Range (Tg, °C)	161-164
Bulk Density (g/cm ³)	0.56
Flash Point (°C)	Min.193

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Solubility

Solubility [20°C]	% w/w
Acetone	>100
Cyclohexane	27
Ethanol	6
Heptane	18
Toluene	44
Water	>0.03

Benefits & Applications

PowerNox™ 1290 is useful in many materials such as plastics, elastomers, adhesives, waxes and oils.

PowerNox™ 1290 protects these and other materials against thermo oxidative degradation during processing, storage and end-use.

PowerNox™ 1290 is highly effective in various plastics like crystal and high impact polystyrene, ABS terpolymer, PVC, polyamides, polyurethanes, elastomers, adhesives, and rubbers such as EPDM, SBS, and blends with polyolefins and tackifier resins.

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™ 1290 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.

We disclaim liability for any incidental or consequential damages.