

KINOX[®]-98 / KINOX[®]-98G

KINOX[®]-98 / KINOX[®]-98G is a high performance sterically hindered phenolic antioxidant for stabilisation of polyamides

1 PRODUCT INFORMATION

Main constituent	:	N,N'-hexane-1,6-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide] or Benzenepropanamide,N,N'-1,6-hexanediylbis[3,5-bis(1,1-dimethylethyl)-4-hydroxy] or N,N'-hexamethylene-bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide] CAS Number 23128-74-7 Mol. Formula C ₄₀ H ₆₄ N ₂ O ₄ Mol. Wt. 637
Physical form	:	White to off-white crystalline powder/granules
TGA in air at 20 °C/min. up to 280 °C up to 340 °C up to 404 °C	:	1.0% wt. loss max. 10.0% wt. loss max. 50.0% wt. loss max.
Solubility	:	Insoluble in water. Soluble in methanol & chloroform. Sparingly soluble in ethyl acetate, hexane etc.
Health, safety & handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/014

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	:	156-161
Volatility (%w/w) (2g/2h/105 °C)	:	0.3 max.
Sulphated ash (%w/w) (5g/800 ± 50 °C)	:	0.1 max.

3 SPECIAL FEATURES

KINOX[®]-98/ KINOX[®]-98G provides excellent thermal stability to polyamides moulded articles, fibers & films, polyacetals, polyesters, PU, saturated & unsaturated rubber etc.

4 FOOD REGULATORY STATUS

As per US Food & Drug Administration (US-FDA) regulation, this product may be used safely as antioxidant in polymers within the scope & limitation of 21CFR; 178.2010 & 175.300 for indirect food contact substance. Please refer above regulations before use.

5 PACKING

KINOX[®]-98/ KINOX[®]-98G is packed in 20 Kg corrugated boxes with polythene liner inside or as per agreed customer's requirement.

The information given in this document is only a recommendation, believed to be reliable and is given in good faith but without warranty. Our advice does not release users from the obligation of checking its validity. The user should test the product to ascertain the suitability for the intended use. These properties or the whole document is subject to change without any prior notice, at our sole discretion. We are under no obligation to recall earlier issued documents.

HPL Additives Limited

803, Vishal Bhawan, 95 Nehru Place
New Delhi - 110 019, INDIA.

Tel. : +91-11-2643 1522, 2642 1570

Fax : +91-11-2647 4350, 2646 0981

e-mail : hpl@hpl-group.com