

KINOX[®]-24

KINOX[®]-24 is a high performance stabiliser and an efficient metal deactivator for organic polymers. This is recommended for the stabilisation of polyolefin in contact with copper, both during processing and long term service use

1 PRODUCT INFORMATION

Main constituent	:	2',3-bis[[3-[3,5-di-tert-butyl-4-hydroxyphenyl]propionyl]]propionohydrazide or Benzene propanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-2-[3-{3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl}-1-oxopropyl]hydrazide CAS number 32687-78-8 Mol. Formula C ₃₄ H ₅₂ N ₂ O ₄ Mol. wt. 552
Physical form	:	White to slightly yellowish crystalline powder
TGA in air at 20 °C/min. upto 240 °C upto 280 °C upto 330 °C	:	1.0% wt. loss max. 10.0% wt. loss max. 50.0% wt. loss max.
Solubility	:	Practically insoluble in water, benzene & n-hexane. Slightly soluble in methanol & acetone.
Health, safety & handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/004

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	:	224-230
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[®]-24 is mainly used as stabiliser for cable used for telecommunications.

4 DOSAGE / APPLICATION

Performance data of KINOX[®]-24 in various organic polymers is available on request.

5 PACKING

KINOX[®]-24 is packed in 25 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.

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