

KINOX[®]-35

KINOX[®]-35 is high performance sulphur containing phenolic primary antioxidant for stabilisation of polymers

1 PRODUCT INFORMATION

Main Constituent	:	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxythiodi-2,1-ethanediyl ester or Thiodiethylene bis[3-(3,5-di-tert.butyl-4-hydroxyphenyl) propionate] or Thiodiethylene bis(3,5-di-tert.butyl-4-hydroxy hydrocinnamate) CAS Number 41484-35-9 Mol. Formula C ₃₈ H ₅₈ O ₆ S Mol. Wt. 643
Physical Form	:	White to off-white powder
TGA in air at 20 °C/min. up to 270 °C up to 310 °C up to 353 °C	:	1.0% wt. loss max. 10.0% wt. loss max. 50.0% wt. loss max.
Solubility	:	Insoluble in water. Soluble in acetone, ethyl acetate, benzene, chloroform, cyclohexane etc.
Health, Safety & Handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/023

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	: 63-68
Volatility (%w/w) (2g/2h/105°C)	: 0.5 max.
Ash content (%w/w) (5g/800 ± 50°C)	: 0.1 max.
Solubility (10g/100 ml toluene)	: Clear solution

3 SPECIAL FEATURES

KINOX[®]-35 most widely used antioxidant for PE an XLPE wire and cable resins. KINOX[®]-35 provides efficient processing & long term thermal stability with excellent system compatibility and low colour.

4 PACKING

KINOX[®]-35 is packed in 20 / 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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