

KINOX[®]-30 / KINOX[®]-30G

KINOX[®]-30 / KINOX[®]-30G is a high performance phenolic primary antioxidant for stabilisation of polymers

1 PRODUCT INFORMATION

Main constituent	:	3,3',3'',5,5',5''-hexa-tert-butyl-a,a',a''-(mesitylene-2,4,6-triyl)tri-p-cresol or Phenol, 4,4',4''-[2,4,6-trimethyl(1,3,5-benzenetriyl)tris(methylene)]tris[2,6-bis(1,1-dimethylethyl)- or 1,3,5-Trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl)benzene CAS Number 1709-70-2 Mol. Formula C ₅₄ H ₇₈ O ₃ Mol. Wt. 775
Physical form	:	White crystalline powder / granules
TGA in air at 20 °C/min. up to 290 °C up to 340 °C	:	1.0% wt. loss max. 10.0% wt. loss max.
Solubility	:	Insoluble in water. Soluble in acetone, toluene, chloroform & ethyl acetate.
Health, safety & handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/015

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	:	240-245
Volatility (%w/w) (2g/2h/105 °C)	:	0.3 max.
Sulphated ash (%w/w) (5g/800 ± 50 °C)	:	0.1 max.
Solubility (10g/100 ml toluene)	:	Clear solution

3 SPECIAL FEATURES

KINOX[®]-30 / KINOX[®]-30G provides excellent antioxidant performance and thermal stability to polyolefin's (PE & PP), engineering plastics such as styrene, linear polyesters, polyamides etc. It also improves processing stability and long term heat stability.

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 for indirect food contact substance. Please refer above regulations before use.

5 PACKING

KINOX[®]-30 / KINOX[®]-30G 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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