

KINOX[®]-68 / KINOX[®]-68G

KINOX[®]-68 / KINOX[®]-68G is a high performance phosphite based process stabiliser antioxidant

1 PRODUCT INFORMATION

Main constituent	:	Phenol,2,4-bis(1,1-dimethylethyl)phosphite or Tris(2,4-di-tert.butylphenyl)phosphite CAS Number 31570-04-4 Mol. Formula C ₄₂ H ₆₃ O ₃ P Mol. Wt. 647
Physical form	:	White, free flowing, crystalline powder / granules
TGA in air at 20 °C/min. upto 230 °C upto 260 °C upto 272 °C	:	1.0% wt. loss max. 10.0% wt. loss max. 25.0% wt. loss max.
Solubility	:	Insoluble in water & methanol. Soluble in benzene, toluene & chloroform.
Health, safety & handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/003

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	:	180-187
Volatility (%w/w) (2g/2h/105°C)	:	0.3 max.
Active content (%w/w) (By GC)	:	99.0 min.
Acid value (mg KOH/gm)	:	0.5 max.

3 SPECIAL FEATURES

KINOX[®]-68 / KINOX[®]-68G is mainly used in process stabilisation of a wide range of thermoplastic polymers such as polyolefins (PP, HDPE, LDPE, LLDPE)& ABS etc.

4 DOSAGE / APPLICATION

Performance data of KINOX[®]-68 / KINOX[®]-68G in various organic polymers is available on request.

5 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 regulation before use.

6 PACKING

KINOX[®]-68 / KINOX[®]-68G 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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