HPL Additives Limited

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 $C_{42}H_{63}O_3P$ 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.

an ISO 9001 ISO 14001 OHSAS 18001 company

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.

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