HPL Additives Limited

KINOX®-34 / KINOX®-34G

KINOX®-34 / KINOX®-34G is a high performance phenolic primary antioxidant for stabilization of polymers

1 PRODUCT INFORMATION

Main constituent	:	1,3,5-Triazine-2,4,6(1H, 3H, 5H)-trione, 1,3,5-tris[{3,5-bis(1,1-dimethylethyl)-4-ydroxyphenyl}methyl] or 1,3,5-Tris(3,5-di-tert.butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione CAS Number 27676-62-6 Mol. Formula $C_{48}H_{69}N_3O_6$ Mol. Wt. 784
Physical form	:	White crystalline powder / granules
TGA in air at 20 °C/min. **up to 280°C** **up to 330°C** **up to 379°C**	:	 1.0% wt. loss max. 10.0% wt. loss max. 50.0% wt. loss max.
Solubility	:	Insoluble in water, sparingly soluble in methanol, soluble in acetone & ethyl acetate.
Health, safety & handling information	:	Relevant information can be found in sheet no. HPLA/MSDS/PE/AO/016

2 SPECIFIED PROPERTIES

Melting point (°C) (open capillary tube method)	:	218-223
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 acetone)	:	Clear solution

an ISO 9001 ISO 14001 OHSAS 18001 company

3 SPECIAL FEATURES

KINOX®-34/ KINOX®-34G provides excellent antioxidant performance and thermal stability to polyolefins (PE, PP & PB), engineering plastics such as styrene, linear polyesters, polyamides, PVC, PU, elastomers such as SBR, EPR, EPDM & other synthetic rubber.

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 & 175.105 for indirect food contact substance. Please refer above regulations before use.

5 PACKING

KINOX®-34 / KINOX®-34G is packed in 20 / 25 Kg corrugated boxes with polythene liner inside or as per agreed customer's requirement.

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