HPL Additives Limited

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 $C_{38}H_{58}O_6S$ 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

an ISO 9001 ISO 14001 OHSAS 18001 company

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.

HPL Additives Limited
803, Vishal Bhawan, 95 Nehru Place
New Delhi - 110 019, INDIA.
Tel. : +91-11-2643 1522, 2642 1570
Fax : +91-11-2647 4350, 2646 0981
e-mail : hpll@hpl-group.com