

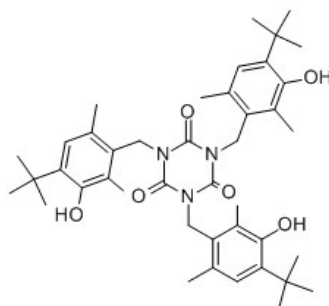
PUREstab 1330

Phenolic Antioxidant for Processing and Long-Term Thermal Stabilization

Description: PUREstab 1330 is a sterically hindered phenolic antioxidant, used:

- in polyolefins e.g. polyethylene, polypropylene, polybutene for the stabilization of pipes, moulded articles, wires and cables, dielectric films.
- in engineering plastics like linear polyesters, polyamides, and styrene homo and copolymers.
- in PVC, polyurethanes, elastomers, adhesives, and other organic substrates.

Formula



Chemical name: 1,3,5-Trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl) benzene

CAS number: 1709-70-2

Molecular weight:

775 g/mol

Features & benefits: good compatibility with most substrates, high extraction resistance, odourless, excellent di-electrical properties, reduces water carry-over in polypropylene tape extrusion.

Application: The concentration levels range typically between 0.05% and 0.3% depending on substrate, processing conditions and stability requirements.

Physical Properties:

Melting range	240 – 245°C
Flashpoint	321°C
Vapor pressure	2 E-11 Pa
Density (20°C)	1.04 g/ml
Bulk density	Powder 530 – 630 g/l
Solubility (20°C) g/100g solution	
- acetone	18
- Chloroform	28
- Ethyl acetate	27
- n-Hexane	1
- Methanol	3
- Methylene chloride	34
- Water	≤ 0.01