

Anti-oxidant for polymer

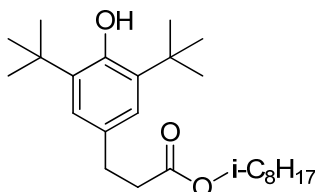
ANTI-OXIDANT

1. General

Deox BS-1135 is a liquid antioxidant based on hindered phenolic chemistry. Deox BS-1135 has low volatility and excellent resin compatibility, therefore it is highly recommended for applications where fogging and staining problems must be prevented. It is also ideal for applications where liquid form is critical.

2. Properties

Structure :



Chemical name : Benzenepropanoic acid, 3,5-bis (1,1-dimethyl-ethyl)-4-hydroxy-C7-C9 branched alkyl esters

CAS No. : 125643-61-0

3. Physical Data

Appearance : Colorless to slightly yellow liquid
Boiling point : 342 °C
Specific gravity : 0.966
Assay (LC) : 98.21%

4. Solubility

(g in 100ml solvent)

Ethyl acetate : > 50
Ethanol : > 50
Methyl ethyl ketone : > 50
PEG (Mn=400) : > 50
Water : < 0.01

5. Specification

Appearance : Colorless to slightly yellow liquid
Assay : 98% min.
Volatile : 0.5% max.
Transmittance : 94% min. @425nm
(1g in 10ml Toluene) 98% min. @500nm