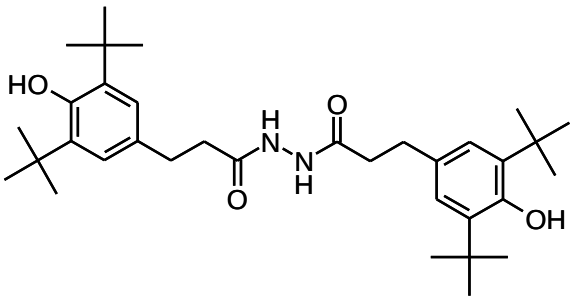
December 15, 2015

ADK STAB CDA-10

― Metal Deactivator ―

Identification



[CAS Number]
32687-78-8

[Chemical Name]
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2-[3-[3,5-bis(1,1-dimethylethyl)- 4-hydroxyphenyl]-1-oxopropyl] hydrazide

[Formula]
$C_{34}H_{52}N_2O_4$

[Molecular Weight]
553

Features

- Protects polymers from metal-related oxidative degradation by forming complex with metals.
- Provides heat stabilization to polymers due to its hindered phenolic structure.
- Shows excellent compatibility with a wide variety of polymers, low volatility, and resists blooming.
- Approved as an indirect additive in food contact substances in US, EU, and Japan.

(For additional information such as adaptable polymers, please ask our Sales Department.)

Applications

- Polyolefins such as PP and PE.
- Styrene resins such as ABS..

ADEKA CORPORATION
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Physical and chemical properties

- Appearance White powder
- Melting point >224～229 °C
- Thermal stability (TGA, 10℃/min, Air 200ml /min) 10% weight loss temperature: 313°C
- Solubility（mg/l at 20 °C ） Water：＜1

* Above value of properties are just typical, not specific

Handling and storage

- Store in the original container securely under cool and dry condition.
- Protective clothing should be worn when operators are handling, or being exposed to, this product. See the MSDS for further detailed advice.

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