

ANOX[®] PP18 stabilizer

Phenolic Antioxidant

Description

ANOX[®] PP18 stabilizer is a high molecular weight hindered phenolic antioxidant available in both powder and granular form.

Chemical Structure

Octadecyl-3-(3',5'-di-*tert*-butyl-4'-hydroxyphenyl) propionate

CAS-Number

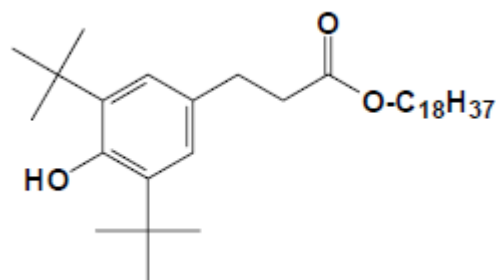
2082-79-3

EINECS-Number

218-216-0

Formula

ANOX[®] PP18 stabilizer



Typical physical properties of ANOX[®] PP18 stabilizer

Appearance	White, free flowing solid
Melting Range, °C	50 – 55
Flash Point, °C	273
Molecular weight [g/mol]	531
Bulk density [kg/m ³]	Granular: 500/Powder: 570

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Solubility (g/100g solvent) @ 25°C

n-Hexane	78	Toluene	>100
Ethyl Acetate	>100	Xylene	104
Acetone	69	Methanol	0.4
Chloroform	>100	Mineral oil	10
Water	<0.1		

Thermogravimetric analysis (10°C/minute under N₂)

Weight Loss [%]	5	10	25
Temperature [°C]	260	278	302

Application

ANOX[®] PP18 stabilizer effectively reduces oxidative degradation of most polymeric substances during processing and end-use applications. **ANOX[®] PP18 stabilizer** is an excellent stabilizer for polyolefins, impact modified styrenics, block co-polymers, elastomers, adhesives, PVC and polyurethanes.

Food Contact

This compound has broad food contact approvals. For details please contact AddivantTM Regulatory Affairs.

Handling and Storage

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 3 years from the date of receipt.

For additional handling and toxicological information consult the AddivantTM Material Safety Data Sheet.

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