

Antioxidant 6067

● Chemical name/composition

Antioxidant 6067 is Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate

● Description

Antioxidant 6067 is a sterically hindered phenolic antioxidant with a highly effective, non-discoloring, odorless, good compatibility with most substrates and high resistance to extraction. Antioxidant 6067 can be applied in polyolefins, such as PE, PP and well as in other polymers such as styrenics and styrene homo and copolymers such as IPS, ABS, MBS and engineering plastics such as PBT, PET and PUR, elastomers like SBS, SBR, BR, adhesives and other organic substrates.

Antioxidant 6067 can be combined with other additives such as costabilizer (e.g. thioesters, phosphites, phosphonites), light stabilizer and other functional stabilizers. The synergistic blends of Antioxidant 6067 with Ultraviolet light absorbent are extreme performance in polymers stabilization.

● Technical data/features

The following is typical data and should not be considered a specification

Appearance	White, free-flowing powder
Ash content	0.1% max
Volatiles	0.5% max
Color of solution (10g in 100ml toluene)	25 APHA max
Color of fusion	50 APHA max
Transmittance (10g in 100 ml toluene)	at 425 nm 97.0% min at 500 nm 97.0% min
Assay	99.0% min

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Melting range (°C)	50-55
Flash point (°C)	273
Specific gravity (20°C)	1.02 g/cm ³
Bulk density	Powder:260-320 g/l GF :470-520 g/l
Solubility (20°C)	g/100g solution
Acetone	19
Benzene	57
Chloroform	57
Cyclohexane	40
Ethanol	1.5
Ethylacetate	38
n-Hexane	32
Methanol	0.6
Toluene	50
Water	<0.01
Weight loss (TGA, in air at 20°C/min)	
Temp.(°C) at 1 % weight loss	230
Temp.(°C) at 10 % weight loss	290

Hazard classification

The following information: classification of hazardous materials and transportation regulations and marking of protective measures for storage and handling measures for toxicity and ecological effects in the case of accidents and fires can be found in our

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safety data manual.

● Use the information

Antioxidant 6067 should be handled with care and prevent contamination of the environment. Avoid dust formation and ignition sources.

For more detailed information please refer to the material safety data sheet.

● Storage

Antioxidant 6067 be stored under suitable conditions (dry & cool).

Maximum recommended storage temperature under 45°C and the storage time from the date of analysis: 60 months.

● Package

The following packages are available upon customer's request:

- (1) 20 kgs × 2 PE bags in the carton box.
- (2) 25 kgs × 2 PE bags in the carton box.
- (3) 50 kgs fiber drum.
- (4) Other specific request.

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