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Irganox® XT 500

High performance antioxidant blend for improved processing stability

Characterization

Irganox XT 500 is a high performance antioxidant blend with good hydrolytic stability offering improved processing for polypropylene film.

CAS number

Preparation

Applications

Irganox XT 500 has been designed particularly for BOPP film applications.

Features/benefits

Irganox XT 500 offers excellent melt flow index control during polypropylene processing, minimizing BOPP film line breakages.

Irganox XT 500 shows outstanding color retention during polypropylene processing and helps maintain good regrind color.

The components of Irganox XT 500 are hydrolytically less sensitive compared to various other high performance solutions, allowing thus for ease of handling.

Product form

Irganox XT 500 white powder

Guidelines for use

The normal usage levels for Irganox XT 500 range between 0.05 % to 0.15 % depending on polymer and processing conditions.

Physical properties

Melting range	50–190 °C
Flashpoint	297 °C
Density (20 °C)	1.15 g/ml
Vapor pressure (20 °C)	7 E-10 Pa (extrapolated)
Bulk density Powder	380–500 g/l

Solubility (20 °C) g/100 g solution

Acetone	<0.1 g
Ethanol	<0.1 g
n-Hexane	<0.1 g
Toluene	<0.2 g

Handling & Safety

In accordance with good industrial practice, handle with care and prevent contamination of the environment.

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

Note

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