

# Irganox<sup>®</sup> B 225

## Product Description

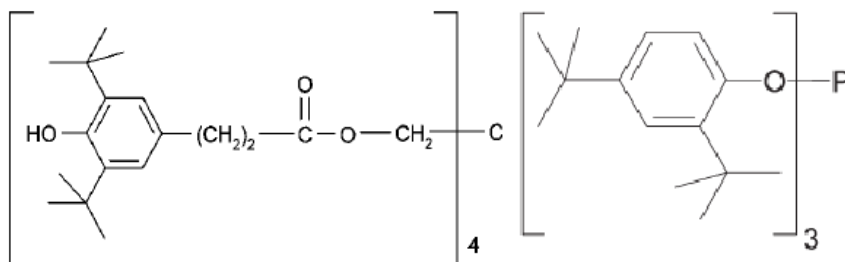
Irganox B 225 is a convenient blend of an organo-phosphite and a sterically hindered phenolic antioxidant to protect and stabilize organic polymers during processing where it acts as an antioxidant for adhesives and sealants.

## Key Features & Benefits

- Long term thermal stability
- Maintenance of original melt flow
- Low color formation

## Chemical Composition

Blend of Irganox 1010 and Irgafos<sup>®</sup> 168



## Properties

### Typical Properties

Appearance	white, free-flowing powder
CAS number	preparation
Density (bulk)	530 – 630 g/l

These typical values should not be interpreted as specifications..

## Application

Irganox B 225 can be used in combination with light stabilizers of the Uvinul<sup>®</sup>, Tinuvin<sup>®</sup>, and Chimassorb<sup>®</sup> range.

Irganox B 225 is recommended for applications such as:

- Adhesives
- Sealants

Irganox B 225 is a convenient blend of an organo-phosphite – for protection during processing organic polymers that are prone to oxidation – and a sterically hindered phenolic antioxidant – which contributes synergistically to the stabilization of the polymer during processing and provides long term thermal stability by preventing thermo-oxidative degradation during service life. Performance can be improved in synergistic combinations with other BASF additives (e.g. thioethers).

## Recommended Concentrations

The amount of Irganox B 225 required for optimum performance should be determined in laboratory trials covering a concentration range. Concentrations up to several percent may be used depending on the substrate, processing conditions, requirements of the end application, and long term thermal stability requirements.

In polyolefins, the concentration levels of Irganox B 225 typically range between 0.1 – 0.25%.



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## **Safety**

### ***General***

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

### ***Safety Data Sheet***

All safety information is provided in the Safety Data Sheet for Irganox B 225.

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## **Storage**

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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