We create chemistry

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Irganox® B 900

Synergistic processing and long-term thermal stabilizer system

Characterization

Irganox B 900 – a processing and long-term thermal stabilizer system – is a synergistic blend of 80 % Irgafos® 168 and 20 % Irganox 1076.

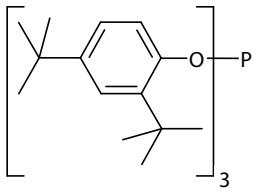
Chemical name

Irgafos 168	Tris(2,4-di-tert.-butylphenyl)phosphite
Irganox 1076	Octadecyl-3-(3,5-di-tert.-butyl-4-hydroxyphenyl)-propionate

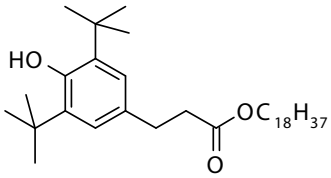
CAS number

Preparation

Chemical formula



Irgafos 168



Irganox 1076

Applications

Irganox B 900 is mainly used in polyethylene and ethylene co-polymers, such as ethylene-vinylacetate copolymers. The blend can also be used in other polymers such as engineering plastics e. g. polycarbonates, polyesters, styrene homo- and copolymers, polyurethanes, elastomers, as well as adhesives and other organic substrates. Irganox B 900 can be used in combination with light stabilizers of the Tinuvin®, Uvinul® and Chimassorb® range.

Features/benefits

Irganox B 900 is a convenient blend addressing a range of stabilization needs. The relatively high phosphite content addresses applications with demanding processing conditions. In the recommended applications Irganox B 900 provides significant benefits, such as

- maintening the original melt flow
- low color formation
- long-term thermal stability

Product forms

Irganox B 900	white, free-flowing powder

Physical properties

Bulk density	
Powder	530 – 630 g/l
FF	480 – 570 g/l

Health & Safety

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant health and safety information sheet.

Note

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