

DIAMOND ADDITIVE

Plastic Additives Supplier

PRODUCT DATA SHEET

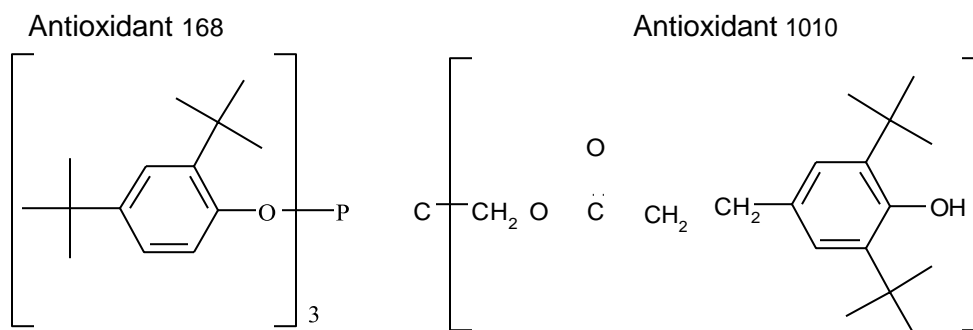
AO-B215 (granules)

Characterization Additive AO-B215 (granules) - a processing and long-term thermal stabilizer system - is a synergistic blend of Antioxidant 168 and Antioxidant 1010

Chemical Name 67 % Antioxidant 168; 33 % Antioxidant 1010

CAS Number Preparation

Structure



Molecular weight 646.9

1178



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Applications Additive AO-B215 is used in polyolefins and olefin-copolymers such as polyethylene, polypropylene, polybutene and ethylene-vinylacetate copolymers. The blend can also be used in other polymers such as engineering plastics, styrene homo- and copolymers, polyurethanes, elastomers, adhesives, and other organic substrates. Additive AO-B215 can be used in combination with light stabilizers range.

Features/ Benefits Additive AO-B215 is a convenient blend addressing a range of stabilization needs. In the recommended applications Additive AO-B215 provides significant advantages, such as

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

Antioxidant 168 - an organophosphate of low volatility and particularly resistant to hydrolysis - protects during processing organic polymers which are prone to oxidation.

Antioxidant 1010

- a hindered phenolic antioxidant - contributes synergistically to the polymer's stabilization during processing and provides long-term thermal stability by preventing thermo-oxidative degradation during service life.

Product Forms & Appearance: white, free-flowing granules.

Guidelines for Use: In polyolefins, the concentration levels for Additive AO-B215 range typically between 0.1% and 0.25%, depending on substrate and processing conditions. The optimum level is application specific. Extensive performance data of Additive AO-B215 in various organic polymers and applications are available upon request.

Physical Properties: Bulk Density 480 - 570 g/l

Handling & Safety: Additive AO-B215 requires no special safety measures provided the usual precautions for handling chemicals are observed. Avoid dust formation and ignition sources. For more detailed information please refer to the material safety data sheet.

Packaging: AO-B215 bags should be stored in a dry and cool place below 35°C, protected from sunlight & tightly closed to avoid contamination. AO-B215 is packed in special 20kg drums.

Note: All information given herein is only a recommendation. Its use shall remain the sole responsibility of the customer. No patent guarantee whatsoever shall be implied.