

CHARMAX® FS-10

Charmax® FS-10 is a non-toxic flame retardant/smoke suppressant composed of a micro sized smoke suppressant complex coated onto proprietary substrates.

Typical Properties

Appearance	Fine White Powder
Specific Gravity	3.0
Average Particle Size (Sedigraph)	4-6 microns
99.9 % less than (microns)	20
Decomposition temperature	> 550°F

Applications

Charmax® FS-10 is designed to provide an extra boost of flame retardancy and char formation with reduced levels of smoke in a wide variety of polymer systems including PVC, polyolefins epoxy and low temperature nylons. It is particularly effective in replacing part of the antimony oxide and/or hydrated fillers in halogenated and non-halogenated systems. Charmax® FS-10 is used to help meet smoke and flammability tests such as ASTM-84, UL-94, ASTM-E662, UL 910, ASTM D2863, ASTM D3843 & NFPA 263.

Packaging

Standard packaging is 40 lb. multiwall paper bags. Packages are on skids with stretch wrap. Special packages are available on request.

Health and Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool dry, well ventilated area away from incompatible materials. For additional handling and toxicological information, consult the Polymer Additives Group Material Safety Data Sheet.

This information is believed to be an accurate and reliable representation of the products average properties and it is offered in good faith but without guarantee and may be modified by later findings. The manufacturer makes no warranties, express or implied, regarding the accuracy, completeness, or adequacy of the information contained herein. Any recommendations or suggestions are also made without warranty or guarantee, since the conditions of use are beyond our control. It is the obligation of the customer/user to make its own assessment to determine suitability of use for any purpose, including, the appropriate health, safety, disposal, and environmental precautions necessary in each products intended use(s).