

Charmax™ LS Z4AF

Charmax™ LS Z4AF is a low cost molybdenum-based smoke suppressant synergist for PVC applications.

Charmax™ LS Z4AF is specifically designed to reduce smoke in building wire and general purpose wire & cable applications.

Typical Properties / Composition

Appearance	White to Off-White Powder
325 Mesh Retained	< 0.2 %
Particle Size, D50	< 5 Microns

Applications

Charmax™ LS Z4AF is designed to reduce smoke emissions and promote char formation in halogenated polymers. It can be formulated to partially replace flame retardant synergists such as Antimony Trioxide or smoke suppressants such as Zinc Borate, ATH and Magnesium Hydroxide for improved smoke performance.

Charmax™ LS Z4AF is used to help meet such flammability, smoke and heat release tests such as E662 and E1354.

Packaging

Standard packaging is in 25 kg poly bags and 1,000 kg bulk bags. Packages are on skids with stretch wrap. Special packages are available upon 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 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).