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CHEMICAL DISPERSIONS
-MASTERBATCHES-

AKROFORM® A.O. 235-60/EPR/P

PRODUCT DESCRIPTION:

Akrosperse A.O. 235-60/EPR/P is a polymeric dispersion of Akrochem Antioxidant 235 [2, 2'-methylene-bis-(4-methyl-6-tert-butyl-phenol)] in an EPR binder system. Antioxidant 235 fills the need for an effective antioxidant that is resistant to migration and surface loss. It has low volatility, gives very good protection against oxidation, and is non-staining and low in toxicity.

TYPICAL PROPERTIES:

Specific Gravity	1.00 calc.
Percent Active AO 235	60%
Binder	EPR
Appearance	white to light yellow pellets
Package.....	55.1 pound net weight cartons

APPLICATIONS:

In Elastomers, Antioxidant 235 is outstanding in protecting white or light colored rubber stocks, such as medical equipment, rubber thread, and latex compounds. It is effective in natural rubber, polybutadiene, butadiene-styrene copolymers, polyisoprene, chloroprene and many other elastomeric materials. Normal treating levels of A.O. 235-60/EPR range from 0.4 to 2.5 parts on the rubber hydrocarbon. At these levels this antioxidant does not create a "bloom" on the stock and has no deleterious effect on the rate of cure or on physical properties. It has copper inhibition properties and is used in natural rubber for this purpose. A. O. 235 will "pink" in white compounds upon exposure to sunlight.

In plastics, the physical properties of Antioxidant 235 make it an outstanding oxidation inhibitor for many high polymer plastic materials. It should be added in concentrations from 0.25% to 0.50% by weight of the polymer, the lower figure being adequate for most applications.

ADVANTAGES:

Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control. They eliminate any irritating dust, as well as other potential hazards in handling powders in the plant. The physical form is easy to handle and weigh accurately. As a dispersion, better uniformity of the mix at low process temperatures are possible.

STORAGE: Store in closed containers in a cool, dry and well ventilated area. Avoid direct exposure to sunlight. Further storage and handling safety information, please refer to the Safety Data Sheet (SDS).

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