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MAGNESIA PRODUCTS
-ADDITIONAL DISPERSIONS-

AKRO-MAG[®] BARS
-BLUE LABEL MgO-

PRODUCT DESCRIPTION:

AKRO-MAG BARS are a new form of Magnesium Oxide. The bar is a dispersion of naphthenic process oil with the highest activity magnesium oxide powder available having a typical Iodine absorption figure of 170 on the Morton Activity Index. The activity and particle size of the magnesia are the most important characteristics in determining the final properties of the vulcanized polychloroprene, Hypalon and Fluoroelastomers.

The two Akrochem[®] MgO Bar Grades (Blue and Green) offer a choice of MgO activity and price. Blue offers the most active grade and thus the most scorch resistance in halogenated polymers like polychloroprene. Green bar offers a less active grade MgO that results in faster scorch and cures times.

PHYSICAL CHARACTERISTICS:

Magnesium Oxide, MgO, Blue Bar	55%
Carrier	Naphthenic Oil
Consistency	Stiff Paste
Color	Cream to Dark Tan
Specific Gravity, Calculated	1.51
Average MgO Surface Area (m ² /gm)	170
Bar Weight.....	3.0 lbs.
Bar Size.....	Approx. 2" x 3" x 9"
Wrapping	16-3 lb. Bars/Box 48 lbs./Box
Box Size.....	13" X 10" X 8 1/4" High

STORAGE STABILITY:

AKRO-MAG Bars have excellent storage stability and will show little change in consistency, shape, color, or ease of dispersion with prolonged aging.

USAGE:

The recommended level is at 4 PHR or as a direct replacement to the dry magnesium content used in the polychloroprene formulation. The combined effects of pre-wetted and dispersed magnesia give a synergistic effect to the powdered magnesium oxide in most formulations.

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