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CHEMICAL DISPERSIONS
-ADDITIONAL DISPERSIONS-

AKROCAL™ 80 & AKROCAL™ 90
-CALCIUM OXIDE-

PERFORMANCE & USE:

Calcium Oxide can best be introduced into a rubber compound by the use of an oiled dispersion or pre-weighed, poly-bagged, oil treated powder. AKROCAL 80 is an 80% dispersion of calcium oxide, while AKROCAL 90 is a 90% oil treated product in powder form. Both products are pre-weighed in a poly bag. AKROCAL 80 and AKROCAL 90 provide protection against blistering and porosity by quickly incorporating the hygroscopic calcium oxide in the rubber compound so it can scavenge and moisture in the compound.

PRODUCT DESCRIPTION:

AKROCAL 80 is a dispersion of a fine particle size calcium oxide at 80% in a naphthenic binder. It has the consistency of putty.

AKROCAL 90 contains a fine particle size calcium oxide dispersed in a naphthenic oil. AKROCAL 90 is a powder, containing 90% calcium oxide packaged in a ten pound, low melt, polyethylene bag.

TYPICAL PROPERTIES:

	<u>AKROCAL 80</u>	<u>AKROCAL 90</u>
Specific Gravity	2.25.....	2.68
% Activity	80% min. CaO.....	90% min. CaO
Binder Type.....	Naphthenic Oil.....	Naphthenic Oil
Color.....	Oyster White	Oyster White
Form.....	Putty	Powder
Melt Point PE Bags, °F		239 to 248
Melt Point EVA Bags, °F		180 to 189

GENERAL RECOMMENDATIONS:

AKROCAL 80 and AKROCAL 90 are used at levels of 5.0 to 10.0 parts per 100 of rubber. As a moisture scavenger, they provide protection against blistering and porosity. These calcium oxides should be added toward the end of a single pass mix or during the second pass. One variable important in determining the use level of these products is the time of year. Those months which bring high humidity in a plant may require larger amounts of product to provide the protection needed to produce acceptable product. The filler loading and type of filler, as well as the mixing procedure, are also important factors.

STORAGE:

AKROCAL 80 and AKROCAL 90 should be stored in a cool, dry place and protected from moisture. Stock rotation is recommended every 30 days.

SHIPPING CONTAINER:

AKROCAL 80 and AKROCAL 90 are shipped in Gaylords[®] containing heat sealed, low melt, polyethylene or EVA bags.