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CHEMICAL DISPERSIONS
-MASTERBATCHES-

AKROFORM[®] DTDM-80/EPR/P

PRODUCT DESCRIPTION:

Akroform DTDM-80/EPR/P is an 80% polymeric dispersion of 4,4-Dithiodimorpholine in EPR. DTDM is an efficient sulfur donor (approximately 30% by weight) for promoting good heat aging and compression set resistant formulas.

TYPICAL PROPERTIES: Active ingredient 4,4-dithiodomorpholine (DTDM)

Specific Gravity	1.34
Appearance	white crystal powder
Melting Point, °F	248
Heat Los, % max.....	0.4
Ash Content, % max	0.5
Residue on 150 µm sieve, % max.....	0.1

TYPICAL PROPERTIES: Akroform DTDM-80/EPR/P masterbatch

Specific Gravity	1.23 +/- 0.04 (calc)
Percent Active.....	80
Binder	EPR
Appearance	off-white to beige granule
Packaging.....	50 lb. net weight carton

APPLICATIONS:

DTDM provides rapid cure rate with a long scorch safety. It is activated when used with Thiazole, Thiuram and Dithiocarbamate type accelerators. DTDM is non-staining, non-discoloring, non-blooming and the masterbatch is easy to disperse. Recommended dosage (active ingredient) in natural rubber is 1.0 – 2.0 phr; in synthetic polymers, 1.0 phr.

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STORAGE:

Keep containers closed, in a cool, dry and well ventilated area. Avoid exposure to direct sunlight.

ADVANTAGES:

Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control.

Akrochem's polymer bound or encapsulated chemical dispersions 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. With a dispersion, better uniformity of the mix at lower processing temperatures is possible.