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RUBBER CHEMICALS
-ACCELERATORS-
SPECIALTIES

ACCELERATOR R

(4,4'Dithio Dimorpholine or (Di) Morpholine Disulfide)

PRODUCT DESCRIPTION:

Accelerator R is recommended for uses where a non-blooming or non-staining sulfur donor is required. It contains approximately 27% sulfur, which is released at curing temperatures. Additional acceleration by thiazoles, sulfenamides, or thiurams is recommended.

It can be used for EV or semi-EV compounds as a partial or complete replacement for elemental sulfur. It provides excellent aging resistance in synthetic and natural rubbers, including heat and reversion resistance.

TYPICAL PROPERTIES:

Specific Gravity	1.36
Appearance	white to cream powder
Melt Point	250°F (121°C)
Heat Loss	0.5%
Odor	very slight
Solubility.....	Insoluble in water. Soluble in acetone, benzene and ethyl acetate.

CHEMICAL DISPERSIONS:

Accelerator R is also available as Akroform[®] DTDM-80/EPR/P. This polymeric masterbatch contains 80% Accelerator R and has a specific gravity of 1.23.

ADVANTAGES:

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

Akrochem 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, uniform mixing, at lower processing temperatures is possible.

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