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RUBBER CHEMICALS
-ACCELERATORS-
SPECIALTIES

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

DESCRIPTION:

AKROCHEM® 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:

Appearance	White to cream powder or pellet
Melting Point	121°C +/- 5
Heat Loss	0.5%
Odor	Very slight
Specific Gravity	1.36
Solubility	Insoluble in water, soluble in acetone, benzene and ethyl acetate.

CHEMICAL DISPERSIONS:

Accelerator R is also available as Akroform DTDM PM (75). This polymeric masterbatch contains 75% Accelerator R and has a specific gravity of 1.20. Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality and raw material control.

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