AKROCHEM CORPORATION

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ACCELERATOR TMTD-OT POWDER and PELLETS

(Tetramethylthiuram Disulfide)

PRODUCT DESCRIPTION:

TMTD is a very active, sulfur-bearing, non-discoloring rubber accelerator for use in NR, SBR, NBR, EPDM as well as other rubber elastomers and blends. For most compounding applications, TMTD requires the addition of zinc oxide and fatty acid for effective use. Sulfur is not required but is often used. It is widely used as a primary accelerator for curing systems requiring very low or no sulfur. TMTD is often used to activate thiazole or sulfenamide cure systems. Accelerator TMTD is also available in a pellet form and micro granules (MG) to reduce dusting. TMTD contains 13% available sulfur. Improved scorch resistance can be obtained in TMTD stocks by the use of the thiazole or sulfenamide accelerators as a primary accelerators. TMTD is an off-white to light gray in color.

TYPICAL PROPERTIES

	POWDER	PELLETS
Melt Point (°C)	144	144
Heat Loss (%)	0.30	----
Ash (%)	0.40	0.50
Specific Gravity	1.43	1.43
Fineness-retained (%) (100 mesh)	0.10	----
Dispersibility	Excellent	Good

CHEMICAL DISPERSIONS:

Accelerator TMTD is also available in several color coded polymer bound master batch forms.

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

Akrochem polymer bound or encapsulated 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. Using a polymer bound dispersion, provides better batch to batch uniformity.

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TLM 9-13-2018