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ACCELERATOR TMTD - MG

(Tetramethylthiuram Disulfide)

PRODUCT DESCRIPTION:

TMTD-MG offers the rubber chemist a handy, low dusting form of TMTD. The novel micro-granular consistency provides outstanding dispersion while limiting plant personnel to unnecessary hazardous exposure. The MG particles are oil free and exhibit a very high chemical purity. TMTD-MG is recommended for use in soft rubber compounds, where poor dispersion can not be tolerated.

TYPICAL PROPERTIES

TMTD content (%)……..	97
Melt Point Range (°C)…….	149 to 155
Specific Gravity……...	1.36
Dispersibility……	Excellent
Packaging (lb.)……..	44.1 (multi-wall bag)

COMPOUNDING APPLICATION:

TMTD-MG is a very active, sulfur-bearing, non-discoloring rubber accelerator for use in NR, SBR, NBR, EPDM and other rubber elastomers or blends. For most compounding applications, TMTD-MG requires the addition of zinc oxide and a 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-MG contains 13% available sulfur. It is often used to activate thiazole or sulfenamide cure systems. Improved scorch resistance can be obtained in TMTD-MG stocks by the use of the thiazole or sulfenamide accelerators as primary accelerators. TMTD-MG can be used as a cure modifier in carbon black loaded CR formulations to improve scorch properties. TMTD-MG is a white micro granule.

Accelerator TMTD is also available in several color coded polymer bound master batch forms. Contact Akrochem for details.