



SPECIFICATION

Product name: ACCELERATOR TMTD (TT)

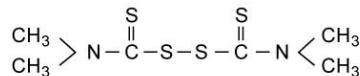
Formula: C₆H₁₂N₂S₄

Chemical name: Tetramethyl thiuram disulfide

Mol. Wt.: 240.41

CAS No.: 137-26-8

Structure:



SPECIFICATION:

Item	Powder	Oiled Powder	Granular
Appearance	White or light gray powder	White or light gray oiled powder	White or light gray granular
Initial M.P. (Min) \geq °C	142.0	142.0	142.0
Loss on drying (Max) \leq %	0.40	0.40	0.40
Ash (Max) \leq %	0.30	0.40	0.40
Residue on 150µm sieve (Max) \leq %	0.10	0.10	-
Oil content, %	-	Upon customer request	-

Properties: White or light gray powder (granular). Soluble in benzene, acetone, chloroform, CS_2 , partly soluble in alcohol, diethyl ether, CCl_4 , insoluble in water, gasoline and alkali with lower concentration. Meeting hot water becomes to dimethyl ammonium and CS_2 . Be sensitive to skin and peogaster.

Application: Can be used as a single accelerator, as a secondary accelerator or as a sulphur donor in most sulphur-cured elastomers. Scorch and gives fast cure rates. Produces an excellent vulcanization plateau with good heat aging and compression set resistance in sulphurless and EV cure systems. Good color retention is obtained in non-black vulcanization. A valuable secondary accelerator for EPDM. May be used as a retarder in the vulcanization of polychloroprene rubber with ETU and also be used as bactericide and pesticide.

Packing: In 25kgs bag.

Storage: Keep container tightly closed in a cool, dry and well-ventilated place, avoiding exposure of the packaged product to direct sunlight.