



## DALIAN RICHON CHEM CO., LTD.

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## SPECIFICATION

**Product name:** ACCELERATOR TMTD (TT)

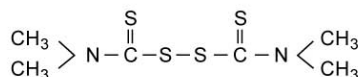
**Formula:** C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>S<sub>4</sub>

**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) ≥ °C	142.0	142.0	142.0
Loss on drying (Max) ≤ %	0.40	0.40	0.40
Ash (Max) ≤ %	0.30	0.40	0.40
Residue on 150µm sieve (Max) ≤ %	0.10	0.10	-
Oil content, %	-	Upon customer request	-

**Properties:** White or light gray powder (granular). Soluble in benzene, acetone, chloroform, CS<sub>2</sub>, partly soluble in alcohol, diethyl ether, CCl<sub>4</sub>, insoluble in water, gasoline and alkali with lower concentration. Meeting hot water becomes to dimethyl ammonium and CS<sub>2</sub>. 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.

Note: The above information is provided in good faith, and is primarily based upon on our current knowledge. It is the user's responsibility to determine the suitability of Richon's products for any application. In no event should such information be used as a substitute for applications testing or other evaluations to determine product suitability. The above information is provided without warranty or obligation of any kind, including its completeness or accuracy, infringement of intellectual property rights, legal or regulatory requirements, or results obtained from use of the information. Richon warrants solely to meet standard manufacturing specifications for its products, subject to the limitations set forth in its standard terms and conditions of sale, or those set forth in a written contract between Richon and its customer.