



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC008-01 OT	Chemical Name:	Tetramethyl thiuram disulfide
Trade Name:	Rubber Accelerator TMTD (TT)	CAS No.:	137-26-8
Molecular Formula	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> S <sub>4</sub>	Molecular Weight:	240.41
Revision numbet	02	Date	01/12/2009

Product Information:

**\*\*\*Specification**

Appearance (visual inspection):	White powder	Initial M.P. :	142.0
Ash content %	0.30	Loss on drying % :	0.40
Residues(150µm) % :	0.10	Oil Content%	1.0-2.0
Density at 25 (g/cm <sup>3</sup> )	1.425	Compacted bulk density (kg/m <sup>3</sup> ):	510-550

**\*\*\*Typical Properties**

White powder. The specific density is 1.42.it is soluble in benzene, Acetone, CS<sub>2</sub>, partly soluble in alcohol, diethyl ether, CCl<sub>4</sub>, insoluble in water, gasoline and alkali with lower concentration. It will becomes to dimethyl ammonium and CS<sub>2</sub>. meeting with hot water.

**\*\*\*Recommended Applications**

TMTD offers fast vulcanization and gives an excellent vulcanization plateau with good heat aging and compression set resistance when used in sulfurless vulcanization systems and EV systems. In EPDM TMTD is a valuable secondary accelerator. In mercaptan modified polychloroprene cured with ETU, it acts as a scorch retarder without affecting the cure speed.it is non-staining and non-discoloring. Excellent colors are obtained in non-black vulcanized.

**\*\*\*Handling and Storage recommendations**

Store TMTD in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 12 months while the recommend use of date is 6 months.

**\*\*\*Package**

Bag : 25kg/bag	Pallet(1.1*1.1) : 500kg/P
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