

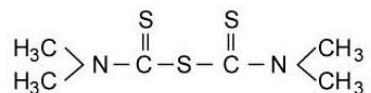


Name: Rubber accelerator TMTM

Chemical Name: Tetramethyl thiuram monosulfide

Molecular Formula: $C_6H_{12}N_2S_3$

structure:



Molecular Weight: 208.4

CAS NO: 97-74-5

Specification:

Item	Powder	Oiled powder	Granule
Appearance	Yellow powder(granule)		
Initial M.P. oC ≥	105.0	105.0	103.0
Loss on drying % ≤	0.30	0.50	0.30
Ash % ≤	0.30	0.30	0.30
Residues on 150 μm sieve, % ≤	0.10	0.10	\
Residues on 63 μm, % ≤	0.50	0.50	\
Additive, %	\	1.0-2.0	\
Granule Diameter, mm	\	\	1.0-3.0

Properties: The yellow powder (granule). The density is 1.37-1.40. No osmyl and no taste. Soluble in benzene, acetone, CH_2Cl_2 , CS_2 , toluene, partly soluble in alcohol and diethyl ether, insoluble in gasoline and water. Stabilization for storage.

Application: Generally used as a secondary accelerator or as a booster for sulphenamides to achieve faster cure rate. Distinguished by very good processing safety in comparison with other thiurams, high curing activity and no discoloration. No cure activity in the absence of added elemental sulphur. An excellent accelerator for polychloroprene in association with DPG and Sulphur. Its critical temperature is 121 oC.

Packaging: 20kg/25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The product with pallet should not be stacked. Stacking of palletized material or temperature of above 35 oC can cause unusual compacted product. The validity is 2 years.

