



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC009-00 GT	Chemical Name:	Tetraethyl Thiuram Disulfide
Trade Name:	Rubber Accelerator TETD (DTET)	CAS No.:	97-77-8
Molecular Formula	C ₁₀ H ₂₀ N ₂ S ₄	Molecular Weight:	296.50
Revision number	02	Date	01/12/2009

Product Information:

****Specification*

Appearance (visual inspection):	Light yellow granule	Assay Content %	96
Initial M.P.	64.0	Loss on drying %	0.30
Ash content %	0.30	Compacted bulk density (kg/m ³)	385-440
Strength of grain(N)	0.8-2.5	Density at 25 (g/cm ³)	1.31

****Typical Properties*

Light yellow granule. The density is 1.29- 1.31. Soluble in Chloroform, Benzene, Acetone, CS₂, insoluble in water, gasoline, acid / alkali with lower concentration. Meeting hot water becomes to dimethyl ammonium and CS₂. Be sensitive to skin and peogaster.

****Recommended Applications*

Fastcuring primary or secondary accelerator for NR, SBR, IIR and EPDM. Closely resembles TMTD in its applications. Less scorch, excellent dispersion in soft polymers. Blooming and good processing safety. Can be used in CR as an anti-scorching agent, in sulfur-modified poluchloroprenes as peptizing agent. The efficiency sulfur content is 11%. Also used as raw material for germicide, pesticide and medicine.

****Handling and Storage recommendations*

Store TETD 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) : 600kg/P
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