



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0008 3 000 42	Chemical Name: 化学名称	Tetramethyl thiuram disulfide 二硫化四甲基秋兰姆
Trade Name: 商品名称	Accelerator TMTD (TT) 促进剂 TMTD(TT)	CAS No.: CAS 编号:	137-26-8
Molecular Formula 分子式	C ₆ H ₁₂ N ₂ S ₄	Molecular Weight: 分子量	240.41
Synonym 同类名称	Vulkacit® I; Vulcafor TMT; Pilcure TMT; Thiuram/C		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	White granule 白色颗粒	Initial M.P. °C: ≥ 初熔点 °C ≥	140.0
Loss on drying % ≤: 加热减量% ≤:	0.40	Ash content % ≤ 灰份% ≤	0.30
Strength of grain(N) 颗粒强度(N)	0.6-2.5	Density at 25°C (g/cm ³) 25°C下的密度(g/cm ³)	1.29
Assay content % ≥ 纯度 % ≥	95		

***Typical Properties 主要特性

White granule. The specific density is 1.29. it is soluble in benzene, Acetone, CCl ₂ , partly soluble in alcohol, diethyl ether, CCl ₄ , insoluble in water, gasoline and alkali with lower concentration. It will become to dimethyl ammonium and CS ₂ Meeting hot water.	白色颗粒，相对密度 1.29。溶于丙酮、苯、氯仿、二氯化碳，微溶于乙醇、乙醚，四氯化碳，不易溶于水、汽油和稀碱。与水共热生成二甲胺和二硫化碳。
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***Recommended Applications 应用推荐

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.	TMTD 在无硫及有效硫化系统中能快速硫化并得到极好的硫化平坦期，并且具有良好的抗热老化及抗压缩永久变形性能。在三元乙丙橡胶中，TMTD 是一种有价值的辅助促进剂，在使用 ETU 硫化的硫醇改性 CR 中，它用作防焦剂，并且不改变硫化速度。TMTD 无污染性，并且不变色。在无碳黑硫化胶中具有良好的颜色保持性。
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***Handling and Storage recommendations 推荐操作存储条件

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.	TMTD 应储存在阴凉、干燥、通风条件良好的地方，产品包装应避免阳光直射。 通常情况下保质期为 12 个月，建议使用 6 个月内。
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***Package 包装

Bag: 25kg/bag 包装: 25kg/包	Pallet(1.1*1.1*0.1): 500kg/P 托盘(1.1*1.1*0.1) : 500kg/P
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