



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 2 000 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 powder 白色粉末	Initial M.P. °C ≥: 初熔点 °C ≥:	140.0
Ash content % ≤: 灰分 % ≤	0.30	Loss on drying (%) ≤: 加热减量 % ≤:	0.40
Residue(150µm) % ≤: 筛余物%(150µm) ≤:	0.10	Oil Content % 油含量 %	1.0-2.0
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 powder. It is soluble in benzene, Acetone, CS 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 with hot water.	白色粉末。溶于苯，丙酮，CS ₂ ，部分溶于乙醇，乙醚，CCl ₄ ，不溶于水，汽油和碱，浓度较低。遇见热水会变成二甲基铵和 CS ₂ 。
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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几号的硫化平坦期,并且具有良好的抗热老化及抗压缩永久变形性能。 在 EPDM TMTD 中是一种有价值的辅助促进剂。 在用 ETU 固化的硫醇改性 CR 中,它在不影响固化速度的情况下起到防焦剂的作用。 它是无染色和不变色的。在无炭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

It should be stored 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.	应存放在阴凉,干燥,通风良好的区域,避免将包装好的产品暴露在阳光直射下。 通常保质期为 12 个月,而推荐使用日期为 6 个月。
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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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