



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0010 3 000 42	Chemical Name: 化学名称	Tetramethyl thiuram monosulfide 一硫化四甲基秋兰姆
Trade Name: 商品名称	Accelerator TMTM(TS) 促进剂 TMTM(TS)	CAS No. CAS 编号:	97-74-5
Molecular Formula 分子式	C ₆ H ₁₂ N ₂ S ₃	Molecular Weight: 分子量	208.40
Synonym 同类名称	Vulcafor MS; TS; TMS		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	Yellow granule 黄色颗粒	Assay Content %≥: 纯度%≥:	95
Initial M.P. °C ≥ 初熔点 °C ≥	104	Loss on drying %≤: 加热减量%≤:	0.50
Ash content %≤ 灰份%≤:	0.30	Strength of grain(N) 颗粒强度(N)	0.6-2.5
Density at 20°C (g/cm ³) 20°C下的密度(g/cm ³)	1.37-1.40	Final M.P. °C 终熔点 °C	105-112

***Typical Properties 主要特性

Yellow granule. The specific density is 1.37-1.40. it has no osmyl and no taste. Soluble in Benzene, Acetone, C ₂ H ₄ Cl ₂ , CS ₂ , toluene, party soluble in alcohol, diethyl ether, insoluble in water and gasoline.	黄色颗粒, 相对密度 1.37-1.40, 无臭、无味。溶于丙酮、苯、甲苯、二硫化碳、二氯乙烷, 微溶于乙醇和乙醚, 不易溶于水和汽油。
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***Recommended Applications 应用推荐

TMTM can be used as a booster for thiazoles and guanidines in general purpose elastomers.it is distingusiheh by very good processing safety in comparison with other thiurams, high curing activity and absolutely no discoloration.it is frequently used together with sulfenamides in camelback compounds giving rapid cure in combination with good green stock storage stability. And it is an excellent accelerator fir the vulcanization of polychloroprene.	在通用弹性体中, TMTM 可用作噻唑类与胍类促进剂的辅助促进剂, 和其他的秋兰姆类促进剂相比, 其加工安全优异, 高硫化活性好, 并且完全不引起变色。TMTM 通常与次磺酰胺促进剂一起并用与翻胎胎面胶配方中, 以获得良好的未硫化胶料贮存稳定性与快速硫化特性。另外, 它还是一种极好的氯丁胶硫化促进剂。
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***Handling and Storage recommendations 推荐操作存储条件

StoreTMTM 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.	TMTM 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): 700kg/P 托盘(1.1*1.1*0.1) : 700kg/P
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