



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 1 000 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 powder 黄色粉末	Loss on drying %≤: 加热减量%≤:	0.50
Initial M.P. °C ≥ 初熔点 °C ≥	104	Assay content % 纯度%≥:	96
Ash content %≤: 灰份%≤:	0.30	Residues(150µm) %≤: 筛余物 (150µm) %≤:	0.10
Final M.P. °C 终熔点 °C	105-112	Density at 20°C (g/cm ³) 20°C下的密度(g/cm ³)	1.37-1.40

***Typical Properties 主要特性

Yellow powder The specific density is 1.37-1.40. 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.	黄色粉末比重为 1.37-1.40。没有渗透,也没有味道。溶于苯,丙酮,C ₂ H ₄ Cl ₂ ,CS ₂ ,甲苯,可溶于乙醇,乙醚,不溶于水和汽油。
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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 distingushes 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 可用作噻唑类和胍类的促进剂的助促进剂,与其他秋兰姆相比,其加工安全性非常好,高硫化活性好,且不变色。 它通常与次磺酰胺类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存储稳定性和快速硫化特性。 它是聚氯丁二烯硫化的优异促进剂。
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***Handling and Storage recommendations 推荐操作存储条件

Store TMTM 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,通风良好的地方,避免包装产品暴露在阳光直射的地方。 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): 600kg/P 托盘(1.1*1.1*0.1) : 600kg/P
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