



DATA-SHEET

| SPECIFICATION & DATA SHEET 物质规格数据表 | | Chemical Analysis: 化学分析 | |
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| 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

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| 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

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| 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, partly 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

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| 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. | 可用作通用弹性体中噻唑和胍的助剂,与其他秋兰姆相比,其加工安全性非常好,固化活性高,绝无变色。它经常和亚硫酸胺一起用于驼峰化合物中,可以快速固化,并具有良好的绿色储存稳定性。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

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| 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

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| 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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