



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
物质规格数据表		化学分析	
Product Code: 产品编码	MSHQD-AC002-00 GT	Chemical Name: 化学名称	2,2'-dibenzothiazyl disulfide 2,2'-二硫代二苯并噻唑
Trade Name: 商品名称	Rubber Accelerator MBTS(DM) 硫化促进剂 MBTS(DM)	CAS No.: CAS 编号:	120-78-5
Molecular Formula: 分子式:	C ₁₄ H ₈ N ₂ S ₄	Molecular Weight: 分子量	332.5

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	Cray-white granule 灰白色颗粒	Assay content % ≥ 纯度% ≥	95
Initial M.P. °C: ≥ 初熔点 °C ≥	166	Loss on drying % ≤: 加热减量% ≤	0.50
Ash content % ≤: 灰份% ≤	0.50	Free MBT % ≤: 游离 MBT % ≤	1.0
Strength of grain(N) 颗粒强度	0.8-2.5	Density at 20°C (g/cm ³) 20°C下的密度(g/cm ³)	1.540

***Typical Properties 主要特性

Light yellow powder or granule, The relative density is 1.45~1.50. In room temperature, it slightly dissolved in benzene, toluene, carbon tetrachloride, trichlorobenzenes, acetone, ethanol, ethyl ether, and not dissolve in water, ethyl acetate, petrol and lye.	浅黄色粉末或颗粒, 相对密度 1.45~1.50。室温下微溶于苯、甲苯、四氯化碳、二氯甲烷、丙酮、乙醇、乙醚等, 不溶于水、醋酸乙酯、汽油及碱液。
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***Recommended Applications 应用推荐

It gives moderate processing safety and moderately fast cures with flat plateau. The vulcanizate characteristics are similar to those obtained with MBT. In fact, MBTS can often be used when MBT is too scorchy. Compounds based on MBTS have slightly better aging and reversion resistance than corresponding ones based on sulfenamides. It can be boosted by use of secondary accelerators to achieve a faster cure and higher modulus.	MBTS 硫化速度适中, 硫化平坦期较长, 加工安全性适中。 本品的硫化特性和 MBT 类似, 通常用于代替 MBT 以改善抗焦烧性能。 使用本品的胶料比使用次磺酰胺的胶料具有稍好的抗老化及抗还原性能。 本品与助促进剂并用可获得较快的硫化速度及较高的模量。
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***Handling and Storage recommendations 推荐操作存储条件

Store MBTS in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 24 months while the recommended use of date is in 12 months.	MBT 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 24 个月, 建议使用 12 个月内。
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***Package 包装

Bag: 25kg/bag 袋装: 25kg/bag	Pallet(1.1*1.1): 600kg/P 托盘(1.1*1.1): 600kg/P
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