



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	MSHQD -AC001-00GT	Chemical Name: 化学名称	2-Mercaptobenzothiazole 2-硫醇基苯并噻唑
Trade Name: 商品名称	Rubber Accelerator MBT (M) 硫化促进剂 MBT (M)	CAS No.: CAS 编号:	149-30-4
Molecular Formula: 分子式:	C ₇ H ₅ NS ₂	Molecular Weight: 分子量	167.26

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	Light yellow granule 淡黄色颗粒	Assay content % ≥ 纯度% ≥	95
Initial M.P. °C: 初熔点°C	170.0	Loss on drying (%)≤: 加热减量(%≤)	0.50
Ash content %≤: 灰份%≤	0.50	Strength of grain(N) 颗粒强度(N)	0.8-2.5
Compacted bulk density (kg/m ³) 压缩堆积密度(kg/m ³):	560-600	Bulk density (kg/m ³): 堆积密度(kg/m ³):	400-440
Density at 25°C (g/cm ³) 25°C下的密度(g/cm ³)	1.42-1.52		

***Typical Properties 主要特性

It is yellow powder or granule with little osmyl and taste bitter. The density is 1.42-1.52.it is soluble in ethyl acetate, ethanol, solution of NaOH and Na ₂ CO ₃ , insoluble in benzene, water and gasoline.Lower explosion limit is 21g/m ³ .	淡黄色粉末或颗粒，微臭，有苦味，无毒，比重 1.42-1.52，熔点 170°C 以上。易溶于乙酸乙酯、丙酮、氢氧化钠及碳酸钠的稀溶液中，溶于乙醇，不易溶于苯，不溶于水和汽油。呈粉状下限为 21g/m ³
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***Recommended Applications 应用推荐

In NR compounds, MBT based vulcanization systems exhibit less reversion upon overcure than other systems. Vulcanizate obtained with MBT tend to have a relatively low modulus but very good aging properties. To achieve a faster cure and a higher modulus. MBT can be boosted by the use of secondary accelerators, like as ZBEC, ZDEC, TMTD or DPG. For the vulcanization of EPDM or IIR rubbers, MBT is a well-established component of many existing vulcanization systems. MBT also finds application in latex form cure systems. MBT is non-staining and non-discoloring.	在天然橡胶配方中，以 MBT 为主的硫化体系与其他体系相比，在过硫化在硫化情况下返原物程度小。使用 MBT 的硫化胶，其模量相对较低，但抗老化性能良好。 为获得较快的硫化速度及较高的模量，可使用助促进剂，如：ZBEC、ZDEC、TMTD 或 DPG 在硫化 EPDM 和丁基胶时，MBT 是现有许多硫化体系中的常用组成部分。MBT 也可用于乳胶发泡硫化体系中。MBT 无污染不变色。
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***Handling and Storage recommendations 推荐操作存储条件

Store MBT 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 recommend use of date is 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): 700kg/P 托盘(1.1*1.1) : 700kg/P
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