



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
物质规格数据表		化学分析	
Product Code: 产品编码	AC0001 2 111 42	Chemical Name: 化学名称	2-mercaptobenzothiazole 2-硫醇基苯并噻唑
Trade Name: 商品名称	Accelerator MBT(M)-Acid 促进剂 MBT(M)-酸碱法	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
Synonym 同类名称	Vulkacit® Merkapt/C ; Vulkacit MGC; Nocceler M; Naugex MBT		

Product Information: 产品资料

*****Specification 规格**

Appearance (visual inspection): 外观(目测)	Light yellow powder 淡黄色粉末	Assay content% ≥ 纯度% ≥	95
Initial M.P. °C: 初熔点 °C	170.0	Ash content % ≤: 灰份% ≤	0.30
Residues(150um) % ≤: 筛余物(150um) % ≤	0.10	Loss on drying% ≤: 加热减量% ≤	0.50
Oil Content% 油含量 %	1.0-2.0	Density at 25°C (g/cm3) 25°C下的密度(g/cm3)	1.42-1.52

*****Typical Properties 主要特性**

It is light yellow powder 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，具有少量渗透和味苦。密度 1.42-1.52，溶于乙酸乙酯，乙醇，NaOH 和 Na ₂ CO ₃ 溶液，不溶于苯，水和汽油。爆炸下限为 21g / m ³ 。
--	---

*****Recommended Applications 应用推荐**

<p>In NR compounds, MBT based vulcanization systems exhibit less reversion upon overture than other systems.</p> <p>Vulcanizate obtained with MBT tend to have a relatively low modulus but very good aging properties.</p> <p>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.</p> <p>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.</p>	<p>在 NR 化合物中，基于 MBT 的硫化体系在翻转时表现出比其他体系更少的回复。</p> <p>用 MBT 获得的硫化橡胶往往具有相对低的模量但非常好的老化性能。</p> <p>实现更快的固化和更高的模量。MBT 可以通过使用辅助加速器来提升，如 ZBEC，ZDEC，TMTD 或 DPG。</p> <p>对于 EPDM 或 IIR 橡胶的硫化，MBT 是许多现有硫化体系中公认的组分。MBT 还可用于乳胶型固化体系。MBT 不染色和不变色。</p>
--	--

*****Handling and Storage recommendations 推荐操作存储条件**

<p>Store MBT in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight.</p> <p>Usually the shelf time is 24 months while the recommend use of date is 12 months.</p>	<p>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。</p> <p>通常情况下保质期为 24 个月，建议使用 12 个月内。</p>
---	---

*****Package 包装**

<p>Bag: 25kg/bag 袋装: 25kg/包</p>	<p>Pallet(1.1*1.1*0.1): 600kg/P 托盘(1.1*1.1*0.1) : 600kg/P</p>
-------------------------------------	---