



### DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
物质规格数据表		化学分析	
Product Code: 产品编码	AC0003 2 120 42	Chemical Name: 化学名称	Zinc 2-mercaptobenzothiazole 2-硫醇基苯并噻唑锌盐
Trade Name: 商品名称	Accelerator ZMBT(MZ) 5% 促进剂 ZMBT(MZ) 5%	CAS No. CAS 编号:	155-04-4
Molecular Formula 分子式	C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> S <sub>4</sub> Zn	Molecular Weight: 分子量	397.86
Synonym 同类名称	Vulkacit® ZM-2; Vanderbilt Zetax; Du pont Zenite Special; Nocceler MZ; O-X-A-F		

Product Information: 产品资料

#### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	Light yellow powder 淡黄色粉末	Loss on drying %≤: 加热减量%≤	0.50
Initial M.P. °C ≥: 初熔点 °C ≥	200.0	Zinc Content %: 锌含量%	16.0-22.0
Residues(150um)%≤: 筛余物(150um)%≤	0.10	Oil Content % 油含量%	1.0-2.0
Free MBT %≤: 游离 MBT%≤	5.0		

#### \*\*\*Typical Properties 主要特性

Light yellow powder with light bitter taste. Hardly soluble in acetone, benzene, ethanol, and carbon tetrachloride. Insoluble in water, gasoline. It will be decomposed with strong acid and alkali.	淡黄色粉末, 味微苦, 溶于丙酮, 苯, 乙醇和四氯化碳, 不溶于水 and 汽油, 遇强酸或强碱溶液即分解。
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#### \*\*\*Recommended Applications 应用推荐

In latex vulcanization ZMBT is used in combination with ZBEC, ZDMC and ZDEC. ZMBT does not destabilize latex formulations. In latex thread applications the low free MBT grade of ZMBT provide reduced extraction of MBT during acid coagulation (acid bath pollution) and helps to stabilize the viscosity of latex compounds during storage. In dry rubber applications the performance of ZMBT is almost similar to MBT, but with a slight scorch improvement.	在乳胶硫化系统中 ZMBT 与 ZBEC、ZDMC 或 ZDEC 并用。ZMBT 不会影响乳胶配方的稳定性。 在乳胶胶丝应用中, ZMBT 中的游离 MBT 少则能减少在酸凝固过程中 MBT 的萃取, 并且有助于储存过程中乳胶粘度的稳定性。 在干胶应用中, ZMBT 的作用几乎类于 MBT, 但抗焦烧性能有一定地改善。
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#### \*\*Handling and Storage recommendations 推荐操作存储条件

Store ZMBT in a cool, dry, well ventilated area, avoiding exposure of the packaged products to direct sunlight. Usually the shelf time is 24 months while the recommend use of date is in 12 months.	ZMBT 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/包	Pallet(1.1*1.1*0.1): 600kg/P 托盘(1.1*1.1*0.1) : 600kg/P
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