



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AN0114 1 000 42	Chemical Name: 化学名称	2-Mercaptobenzimidazole 2-硫醇基苯咪唑
Trade Name: 商品名称	Antioxidant MB 防老剂 MB	CAS No.: CAS 编号:	583-39-1
Molecular Formula: 分子式	C ₇ H ₆ N ₂ S	Molecular Weight: 分子量	150.19
Synonym 同类名称	MBI		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	White powder 白色粉末	Initial M.P. °C ≥: 初熔点 °C ≥	290.0
Loss on drying % ≤ 加热减量% ≤	0.40	Ash Content % ≤ 灰份% ≤	0.40
Residue on (150µm) sieve% ≤ 筛余物% (150µm) ≤	0.10	Assay content % ≥ 纯度 % ≥	96
Comparatively density(g/cm3) 相对密度(g/cm3)	1.42-1.43		

***Typical Properties 主要特性

White powder. No smell but taste bitter. The density is 1.42-1.43. Soluble in alcohol, acetone, ethyl Acetate, slightly soluble in petroleum ether, CH ₂ Cl ₂ . Insoluble in CCl ₄ , benzene and water. Good Stabilization storage ability. As secondary anti-degradant without poison.	为白色粉末。无臭、有苦味。比重 1.42-1.43。溶于丙酮、乙醇和乙酸乙酯，难溶于石油醚、二氯甲烷，不溶于四氯化碳、苯和水。储存安定性良好，为不污染的第二防老剂。
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***Recommended Applications 应用推荐

A non-staining secondary antioxidant for natural rubber, CR, SBR, NBR and EPR etc. Especially effective against heat oxidation in combination with amine.	用作天然橡胶、二烯类合成橡胶及乳胶的抗氧化剂，也用于聚乙烯。对氧、天候老化及静太老化等具有防护效能，也能较有效地防护铜害和克服制品硫化时过硫引起的不良作用。
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***Handling and Storage recommendations 推荐操作储存条件

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine. 12 months with the common storing condition. Recommend use of date is within 6 months.	应储存在阴凉、干燥、通风良好的地方。 包装好的产品应避免阳光直射。 保质期: 12 个月, 建议最佳使用期: 6 个月以内。
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***Package 包装

Bag: 25kg/bag 包装: 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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