

橡胶防老剂

RUBBER ANTIOXIDANT

RTENZA MMB (MMBI)

化学名称

2-硫醇基甲基苯并咪唑

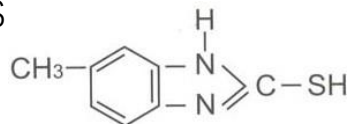
Chemical Name

Methyl-2-mercaptobenzimidazole

分子式/Molecular Formula

C₈H₈N₂S

结构式/Molecular Structure



分子量/Molecular Weight

164.22

CAS 编号/ CAS No.

53988-10-6

技术指标/Specification

项目/Item	粉料/Powder	加油粉料/Oiled Powder
外观(目测)/Appearance	灰白色粉末或颗粒/Gray-white Powder(Granular)	
初熔点/Initial Melting Point, °C ≥	270.0	270.0
加热减量/Loss on Drying, % ≤	0.50	0.50
灰分/Ash, % ≤	0.50	0.50
筛余物/Residue on 150μm Sieve, % ≤	0.10	0.10
添加剂/Additive, %	\	1.0-2.0

性状 本品为灰白色粉末。无臭，但有苦味。比重 1.33。溶于乙醇、丙酮和乙酸乙酯，难溶于石油醚、二氯甲烷，不溶于四氯化碳、苯及水中。贮存安定性良好，为不污染的第二防老剂。

Properties Gray-white powder. No smell but taste bitter. The density is 1.33. Soluble in alcohol, acetone, ethyl acetate, slightly soluble in petroleum ether, CH₂Cl₂, insoluble in CCl₄, benzene and water. Good stabilization storage ability. As second anti-degradant without poison.

用途 本品可用于天然及合成橡胶，与其它防老剂并用有协同作用；应用于无硫硫化时，能得良好的耐热性，也可用作氯丁胶硫化促进剂及胶料的热敏剂。同时本产品不仅可用于白色及浅色制品，也可用于所有的橡胶产品，但不适用于食品加工。

Application The product can be used for natural and synthetic rubbers. As it is secondary antioxidant, ever better effects can be developed when used together with other antioxidants. Furthermore, when it is employed in case of sulfurless vulcanization higher heat resistance can be obtained, it also serves as an accelerator of CR and heat sensitizing agent for latices. It is effective not only white and light colored articles, but also for rubber products of all types. But unsuitable for food processing.

包装 25kg 牛皮纸袋。

Package 25kg kraft paper bag.

贮存 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，有效期 2 年。

Storage The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 2 years.