

Accelerator MBTS(DM)

噻唑类/Thiazoles

Chemical Name: Dibenzothiazole disulfide

Molecular Formula: C₁₄H₈N₂S₄

Molecular Weight: 332.50

CAS NO: 120-78-5

Specification:

Molecular structure:



Item	Powder	Oiled powder	Granule
Appearance	Gray-white or light yellow powder(granule)		
Initial M.P. °C ≥	167.0	167.0	167.0
Loss on drying % ≤	0.30	0.50	0.30
Ash % ≤	0.30	0.30	0.30
Residues on 150 μm sieve, % ≤	0.10	0.10	---
Additive, %	---	1.0-2.0	---
Granule Diameter, mm	---	---	1.50

Properties: A little bitter taste. Specific gravity: 1.45--1.54. Soluble in chloroform, toluene, benzene, carbon tetrachloride. Insoluble in water and ethyl alcohol.

Application: Given flat, moderately fast cures in NR and SR. Also used in a wide range of general purpose rubber. Non-staining/non-discolouring in "white" socks; use as a plasticiser and/or retarder in polychloroprene rubber. Secondary acceleration is usually required for synthetic polymers. Better scorch safety than Accelerator MBT.

Packaging: 25kg plastic woven bag, paper with plastic film bag, kraft paper bag or jumbo bag

Storage: Keep container tightly closed in a cool, well-ventilated place. The recommended maximum storage life is 2 years when stored under normal conditions.

促进剂 MBTS(DM)

化学名称: 二硫化二苯并噻唑

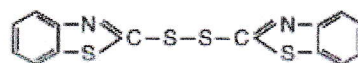
分子式: C₁₄H₈N₂S₄

分子量: 332.50

CAS NO: 120-78-5

产品规格

结构式:



指标名称	粉料	加油粉料	颗粒
外观(目测)	灰白色或淡黄色粉末(颗粒)		
初燃点 °C ≥	167.0	167.0	167.0
加热减量 % ≤	0.30	0.50	0.30
灰份 % ≤	0.30	0.30	0.30
筛余物(150 μm), % ≤	0.10	0.10	---
添加剂, %	---	1.0-2.0	---
粒径, mm	---	---	1.50

性状: 微有苦味, 无毒, 比重1.45-1.54, 可溶于氯仿, 部分溶于苯和乙醇、四氯化碳, 不溶于汽油、水和乙酸乙酯。贮存稳定。

用途: 天然胶与合成胶用促进剂, 可产生平坦和中速硫化, 硫化温度较高, 有显著的后效性, 不会早期硫化, 操作安全, 易分散, 不污染, 硫化胶耐老化。本品单独使用硫化速度慢, 通常都与秋兰姆、二硫代氨基甲酸盐、醛胺类、胍类促进剂并用, 是G型氯丁胶的优良抗焦烧剂。主要用于制造轮胎、胶管、胶鞋、胶布等一般工业品。MBTS在氯丁胶中还可以起到增塑剂或延迟剂的作用。

包装: 25kg塑编袋、纸塑复合袋、牛皮纸袋, 或集装塑编袋。

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。