

橡胶硫化剂

RUBBER VULCANISING AGENT

RTENZA DTDM

化学名称

4-4'-二硫化二吗啉

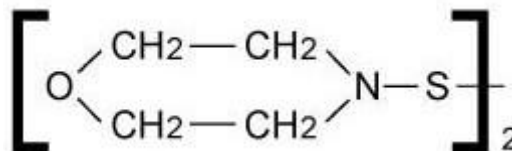
Chemical Name

4,4'-dithiodimorpholine

分子式/Molecular Formula

$C_8H_{16}N_2O_2S_2$

结构式/Molecular Structure



分子量/Molecular Weight

236.27

CAS 编号/CAS No.

103-34-4

技术指标/Specification

项目/Item	晶体粉/Crystal powder	颗粒/Granular
外观(目测)/Appearance	白色晶体粉 (颗粒) /White Crystal powder (granular)	
初熔点/Initial Melting Point, °C ≥	120.0	119.0
加热减量/Loss on Drying, % ≤	0.30	0.30
灰分/Ash, % ≤	0.30	0.30
筛余物/Residue on 840µm sieve, % ≤	0.00	/
纯度/Purity, % ≥	96.0	96.0

性状

白色针状结晶。相对密度 1.32-1.38。溶于苯、四氯化碳、稍溶于丙酮、汽油，难溶于乙醇、乙醚、不溶于水。遇无机酸或无机碱分解。在常温下储存稳定。无毒，有鱼腥味。触及皮肤或粘膜能引起强而持久的辛辣感。

Properties

White acicular crystal. The relative density is 1.32-1.38. Soluble in benzene, carbon tetrachloride, slightly soluble in acetone, gasoline, insoluble in ethanol, ether, insoluble in water. Decompose with inorganic acid or inorganic base. It is stable under normal temperature. Non toxic and fishy. Touching the skin or mucous membrane can cause a strong and lasting spicy feeling.

用途

本品可用作天然橡胶和合成橡胶的硫化剂和促进剂。使用本品胶料不喷霜、不污染、不变色、易分散。用于有效和半有效硫化体系时所得硫化胶耐热性能和耐老化性能良好。在硫化温度下能释放活性硫，有效硫含量为 27%，操作安全，单独使用时硫化速度慢，与噻唑类、秋兰姆类及二硫代氨基甲酸盐并用能提高硫化速度。本品尤其适用于丁基橡胶，主要用于制造轮胎、丁基内胎，胶带和耐热橡胶制品，也用于高速公路的沥青稳定剂。

Application

This product can be used as vulcanizing agent and accelerator of natural rubber and synthetic rubber. The glue used in this product is free from frost, pollution, discoloration and easy to disperse. When used in effective and semi effective curing systems, the vulcanizates have good heat resistance and aging resistance. It can release active sulfur at vulcanization temperature, and the effective sulfur content is 27%. It is safe to operate. When used alone, the vulcanization speed is slow. When used together with thiazole, thiuram and dithiocarbamate, it can improve the vulcanization speed. This product is especially suitable for butyl rubber, which is mainly used in the manufacture of tires, butyl inner tubes, tapes and heat-resistant rubber products, as well as asphalt stabilizers for highways.

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 1 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 1 year.