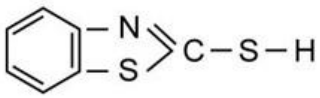
Technical Data Sheet

荣欣鑫橡胶助剂
RONGXIN XIN RUBBER ADDITIVES

Rubber Accelerator MBT（M）

Chemical Name: 2-Mercaptobenzothiazole

structure:



Molecular Formula: C7H5NS2

Molecular Weight: 167.26

CAS NO.: 149-30-4

Specification:

Item	Powder	Oiled powder	Granule
Appearance	Light yellow powder(granule)		
Initial M.P. ℃ ≥	171.0	171.0	171.0
Loss on drying % ≤	0.30	0.50	0.30
Ash % ≤	0.30	0.30	0.30
Residue on 150μm sieve % ≤	0.10	0.10	
Residue on 63μm sieve % ≤	0.50	0.50	
Additive %		1.0-2.0	
Granule Diameter mm			1.0-3.0

Properties: It is light yellow powder (granule) with a little osmyl and taste bitter. The density is 1.42-1.52 Soluble in ethyl acetate, ethanol, solution of NaOH and Na2C03, insoluble in benzene, water and gasoline. Good storage stability. lower explosion limit is 21g/m3

Application: Used as an acid accelerator currently and a medium fast primary accelerator. Imparts excellent aging properties when used both alone and in combination with DM, TMTD and many other basic accelerators for higher acidity. Its accelerative temperature is low and easily be dispersed with lower pollution. Mainly used in the manufacture of tires, tubes, foot wear, rubber belts and hoses etc

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 max. storage life is 2 years when stored under normal conditions.

Henan Rongxinxin Technology Co.,Ltd.
TEL：86-392-2632999 Email：sales@hrongxin.xin Web：www.hrongxin.xin