



## **Kemai (Tianjin) Chemical Technical Co., Ltd.**

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### **Technical Data Sheet**

#### **MBT**

2-Mercaptobenzothiazole,M

**CAS NO.:** 149-30-4

Executive standard:GB/T 11407-2003

#### **APPLICATION**

A moderately fast curing primary accelerator for natural and synthetic rubbers. Imparts excellent aging properties, when used both alone and in combination with TMTD, TETD or DPG. But care should be taken because it has a slight tendency to scorch. Unsuitable for use in the manufacture of food contact materials. Mainly used in the manufacture of tires, tubes, footwear, rubber belts and hoses etc.

#### **HANDLING PRECAUTIONS**

For detailed information on toxicological properties and handling precautions please refer to the current Safety Data Sheet.

#### **STORAGE RECOMMENDATIONS**

Store MBT in single stacked pallets in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material and/or exceeding 35°C can result in unusual compaction of product.

**PACKAGING:** 25kg paper bag.

## SPECIFICATION

No.	Item	Specification			Test method
		powder	Oil powder	granular	
1	Appearance	Light yellow or grayish white powder or granular			Visual
2	Initial melting point °C ≥	171.0	170.0	170.0	JS-JY-FF-01/B
3	Heat loss % ≤ (100~105°C, 3g,2h)	0.40	0.40	0.40	JS-JY-FF-02/B
4	Ash (550°C, 2g) % ≤	0.30	0.30	0.30	JS-JY-FF-03/B
5	Residues on sieve (150µm) % ≤	0.03	0.03	—	JS-JY-FF-04/B
6	Purity % ≥	—	95.0	95.0	JS-JY-FF-07/B
7	Pellet hardness (Mean. value) N ≤	—	—	2	JS-JY-FF-05/B
8	Oil content %	—	1.5±0.5	—	JS-JY-FF-06/B