



## IIRCO MBT

*2-merkpto-benzothiazole*

## Merkapto/C

Product's Specification:

INDEX NAME		INDEX VALUE		
PHYSICAL PERFORMANCE	Appearance	Light yellow granule	Light yellow oil powder	Light yellow powder
CHEMICAL PERFORMANCE	Melting point, °C, ≥	171.0	171.0	171.0
	Loss on Drying, %, max	0.30	0.50	0.30
	Residues on 150 µm Sieve, max	/	0.50	0.10
	Residues on 63 µm Sieve, max	/	0.50	0.50
	Additive, %	/	1.0-2.0	/
	Ash content, %, max	0.30	0.30	0.30
	Granule diameter, mm	1.0-3.0	/	/

**Properties:** It is light yellow powder (oil powder-granule) with little osmyl and taste bitter. The density is 1.42-1.52. It is soluble in ethyl acetate, ethanol, acetone, solution of NaOH and Na<sub>2</sub>CO<sub>3</sub>, insoluble in benzene, water and gasoline. Good storage stability. Lower explosion limit is 21g/m<sup>3</sup>.

**Application:** Used as an acid accelerator currently and a medium fast primary accelerator. It Imports excellent aging properties when used both alone and in combination with IIRCO MBTS, IIRCO TMTD and many other basic accelerators for high activity. Its accelerative temperature is low and easily being dispersed with lower pollution. Mainly used in manufacture of tires, tubes, foot wear rubber belts and hoses, etc.

**Package:** 25kg plastic woven bag, paper with plastic film bag, Kraft paper bag.

**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.

### IIRCO.

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