

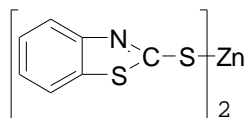
Dalian Richfortune Chemicals Co., Ltd.

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Rubber Accelerators ZMBT(MZ)

Chemical Name: Zinc 2-mercaptobenzothiazole

Structural Formula:



Details:

CAS No: 155-04-4

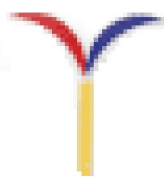
Packaging: 25kg kraft paper bag

Molecular Formula: C₁₄H₈N₂S₄Zn

Molecular Weight: 397.86

Specifications:

Item	MZ-5			MZ-15		
	Powder	Oiled powder	Granule	Powder	Oiled powder	Granule
Appearance	Light yellow powder(granule)			Light yellow powder(granule)		
Initial M.P.	200.0	200.0	200.0	200.0	200.0	200.0
Loss on drying %	0.30	0.50	0.30	0.30	0.50	0.30
Zinc content %	16.0-22.0	16.0-22.0	16.0-22.0	15.0-18.0	15.0-18.0	15.0-18.0



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				0		
Free M %	5.0	5.0	5.0	15.0	15.0	15.0
Residues on 150 μ m sieve, %	0.10	0.10	\	0.10	0.10	\
Residues on 63 μ m sieve, %	0.50	0.50	\	0.50	0.50	\
Additive, %	\	1.0-2.0	\	\	1.0-2.0	\
Granule Diameter, mm	\	\	2.50	\	\	2.50

Properties: Little bitter, no poison. The density is 1.70, the decomposable temperature is 300 C.

Soluble in chloroform, acetone, partly soluble in benzene, ethanol, CC_{14} , insoluble in gasoline, water and ethyl acetate. Decomposed meet strong acid and strong alkali.

Used: Apply to NR, IR, SBR, NBR, EPDM and latex. Is an intermediate between M and DM. Used as a secondary accelerator in combination with PZ and EZ, the performance similar to MBT at curing temperature in dry rubber application. Has lower scorch and better processing safety. Require zinc oxide and stearic acid as activators in many kinds of rubber batch. Easily disperses in rubber; yields non-staining and non-discoloring products. Mainly used in the manufacture of latex products, foam rubber, latex coating gloves, etc

Storage Notes: Stored in the dry and cooling place with good ventilation, avoid direct to sunlight.

The validity is 2 year.



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