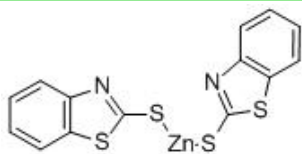


# ACTMIX ZMBT-80GE F140

## Accelerator ZMBT (MZ)

A  
C  
T  
I  
V  
E  
M  
A  
T  
E  
R  
I  
A  
L



Zinc

2-mercaptobenzothiazole

C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>Zn

M.W.: 397.88

CAS No.: 155-04-4

EINECS No: 205-840-3

### PROPERTIES:

ZMBT is the accelerator for natural rubber, synthetic rubber and latex, performance similar to accelerator M, but weak effectiveness, high curing critical temperature(138℃). ZMBT mainly used in the latex, combined with ZDMC or ZDEC as primary accelerator. ZMBT vulcanized latex film with a high modulus. Meanwhile, no need increasing curing time also can get good resistance to compression set properties for foam rubber compound.

### DOSAGE:

0.5 – 1.5 phr usually

### TYPICAL VALUES:

Heat loss: Max 0.5%

Free M %: Max 3.0%

63μm sieve residue: Max 0.5%

M  
A  
S  
T  
E  
R  
B  
A  
T  
C  
H

PRODUCT	Active Content (%)	Appearance	Filtration (μm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix® ZMBT-80GE F140</b>	80	Light yellow Granules	140	EPDM/EVM	23.7	1.45

\* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.

### SAFETY&TOXICITY:

Please refer to related SDS.

### PACKAGING&STORAGE:

Net weight 25kg/PE bags lined carton; Net weight 600kg/pallet.

Shelf-life: 1 year in its original packaging

Stored in a dry and cool place.

### Compared to traditional ZMBT powders, Actmix®ZMBT-80GE F140 allows:

Dust free products with a complete filtration up to 100μm, avoid bitter taste from inhalation, health guard of operators.

Effective guarantee of activity of ZMBT due to pre-dispersed masterbatch.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50℃), higher quality of dispersion.

Impurity free, blocked filter free of extrusive products, scrap rate reduction and higher productivity thanks to filtration.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F140: filtration and micron number of filter

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.

Actmix®ZMBT-80GE F140

TECHNICAL DATA SHEET (TDS) version 1.4

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