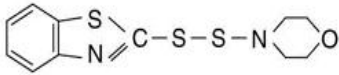


# ACTMIX MDB-80GE F140

## Accelerator MDB

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2-(4-Morpholinyl dithio)  
benzothiazole  $C_{13}H_{16}N_2S_2$   
M.W.: 284.4  
CAS: 95-32-9  
EINECS: 202-410-7

### PROPERTIES:

This products can be used as both aftereffect accelerator and vulcanizator of NR, IR, BR, SBR, NBR and EPDM. As a vulcanizator, like TMTD it can perform vulcanization without sulfur. There is no big difference about the physical properties and resistance to aging of vulcanization. Compared to TMTD, we don't need to worry about pre-vulcanization.

### APPLICATIONS:

Various industrial products, such as hoses, conveyor belts and cable sheathing.

### TYPICAL VALUES:

Melting point: Min 125°C  
Purity: Min 97%  
Ash content(950°C,2h): Max 0.5%  
Heating loss: Max.0.3%  
63µm sieve residue: Max 0.5%

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PRODUCT	Active Content (%)	Color	Filtration (µm)	Binder	Mooney ML (1+4) 50°C	Density (g/cm <sup>3</sup> )
<b>Actmix® MDB-80GE F140</b>	80	Yellowish to yellow	140	EPDM/EVM	45	1.20

\* 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 MSDS.

**PACKAGING&STORAGE:**  
Net weight 25kg/carton lined PE bag; Net 600 kg/pallet.  
Shelf-life: 1 year in its original packaging  
Stored in a dry and cool place.

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

- Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.
- Effective guarantee of stability and activity of MDB due to pre-dispersed masterbatch.
- Tack free products at room temperature, convenience and accuracy on ingredients.
- Lower Mooney viscosity at lower temperature (50°C), 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®MDB-80GE F140

TECHNICAL DATA SHEET (TDS) version 1.3

## Ningbo Actmix Polymer Co.,Ltd.

TEL: +86-574-87468726 FAX: +86-574-88002102 email: [dychem@actmix.cn](mailto:dychem@actmix.cn) [Http://www.actmix.cn](http://www.actmix.cn)