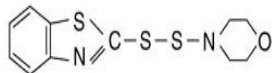


# ACTMIX MDB-80GE F140

## Accelerator MDB

ACTIVE MATERIAL



2-(morpholinodithio)benzothiazole

C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S<sub>3</sub>

M.W.: 284.4

CAS No.: 95-32-9

EINECS No.: 202-410-7

### PROPERTIES:

MDB is used as rubber accelerator, also a curing agent in NR, IR, BR, SBR, NBR, EPDM. As vulcanizing agent, its use is similar with TMTD, can sulphurate without sulfur, and physical properties and aging resistance of sulfur have no difference with TMTD. And compared with TMTD, will be not early scorching.

### APPLICATIONS:

All kinds of industrial products, such as rubber hose, conveyor belt, transmission belt, cable sheath.

### TYPICAL VALUES:

Malting point: 125°C

Purity: Min 97%

Ash content: Max 0.4 %

Heat loss: Max 0.3 %

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix® MDB-80GE F500</b>	80	Light yellow to Deep yellow Granules	500	EPDM/EVM	25.5	1.22

\* 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/carton lined PE bag; Net weight 600 kg/pallet.

Shelf-life: 1 year in its original packaging, stored in a dry and cool place.

### Compared to traditional MDB powder, 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 activity of MDB-80 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, F500: 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.