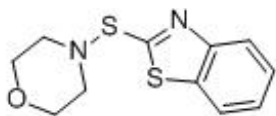


ACTMIX MBS-80GE F200

Accelerator MBS (NOBS)

ACTIVE MATERIAL



2-(morpholiniothio)benzothiazole

C₁₁H₁₂N₂S₂O

M.W.: 253.36

CAS No.: 102-77-2

EINECS No: 203-052-4

PROPERTIES:

MBS scorch the rubber quite a long time, Curing process is quite safe and very complete. It can be used alone in the low sulfur vulcanization, also can use with dithiocarbamate or thiuram accelerator. The vulcanized rubber has good heat aging properties and good compression set and the scorch time of rubber will be significantly reduced. Accelerator TMTM-80 used with MBS can shorten the curing time, and has good anti-scorch effect and a high degree of cross linking. In the low-sulfur, sulfur-containing Rubber alcohols and thiuram accelerator, MBS can delay scorch.

Uses: tire tread, carcass, hose, belt, cable and rubber shoes and other rubber products.

TYPICAL VALUES:

Melting point: min 78°C

Purity: min 98%

Ash content: Max 0.3%

Heat loss: Max 0.5%

MASTERS

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)
Actmix® MBS-80GE F200	80	Light-yellow Granules	200	EPDM/EVM	20.0	1.10

* 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 600 kg/pallet.

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

Compared to traditional MBS powders, Actmix®MBS-80GE F200 allows:

Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.

Effective guarantee of activity of MBS 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, F200: 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.