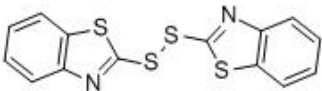


# ACTMIX MBTS-75GE F140

## Accelerator MBTS (DM)

|  |   |   |  |
|--|---|---|--|
| A<br>C<br>T<br>I<br>V<br>E<br>M<br>A<br>T<br>E<br>R<br>I<br>A<br>L |  | <b>PROPERTIES:</b><br>MBTS is a general quasi-ultrafast accelerator with excellent processing safety which can be used alone or combined with other accelerators, in addition, MBTS together with activated dithiocarbamates can avoid rubber scorching. Thiurams, dithiocarbamates and aldehyde-amines can activate MBTS. It is a retarder for processing and vulcanizing of CR compounds. It can improve processing safety with ultrafast accelerators. Its vulcanizate has an excellent heat aging resistance. | 1.0-2.0phr with 2.0-3.0phr sulfur;<br>for IIR: 0.25-1phr with 1-2phr sulfur.                                   |
|  | 2,2-Dibenzothiazole disulfide   |   | <b>APPLICATIONS:</b><br>Heat resistant industrial products, cable jackets and insulating layers, solid rubber. |
|  | C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> S <sub>4</sub>                      |   | <b>TYPICAL VALUES:</b><br>Melting point: Min 166°C   |
|  | M.W.: 332.5   |   | Purity: Min 98%  |
|  | CAS: 120-78-5   |   | Ash content: Max 0.4%  |
|  | EINECS: 204-424-9   |   | Heating loss content: Max 0.5%   |
|  |   | <b>DOSAGE:</b><br>Primary accelerator for NR and SBR:   | 63µm sieve residue: Max 0.5%   |

|  |  |                    |                                |                 |          |                    |                              |  |
|--|--|--------------------|--------------------------------|-----------------|----------|--------------------|------------------------------|--|
| M<br>A<br>S<br>T<br>E<br>R<br>B<br>A<br>T<br>C<br>H            | <b>PRODUCT</b>   | Active Content (%) | Appearance                     | Filtration (µm) | Binder   | Sulfur Content (%) | Density (g/cm <sup>3</sup> ) |  |
|  | <b>Actmix® MBTS-75GE F140</b>  | 75                 | White to Light-yellow Granules | 140             | EPDM/EVM | 28.5               | 1.32                         |  |
|  | * Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for. |                    |                                |                 |          |                    |                              |  |
|  | <b>SAFETY&amp;TOXICITY:</b>  |                    |                                |                 |          |                    |                              |  |
|  | Please refer to related SDS.   |                    |                                |                 |          |                    |                              |  |
|  | <b>PACKAGING&amp;STORAGE:</b>  |                    |                                |                 |          |                    |                              |  |
| 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 MBTS powders, Actmix®MBTS-75GE F140 allows:

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

Effective guarantee of activity of MBTS 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.