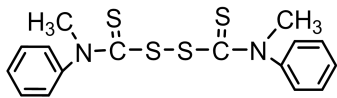


# ACTMIX DDTS-80GE F140

## Accelerator DDTS(MPTD)

ACTIVE MATERIAL



Dimethyldiphenylthioperoxydicarbamic acid

C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>S<sub>4</sub>

M.W.: 364.6

CAS No.: 53880-86-7

EINECS No.: 258-835-3

### PROPERTIES:

DDTS is a delayed-action accelerator apply to nature rubber, SBR, NBR, IR, BR. It is mainly as assistant accelerator that combine with TMTD,TMTM or dithiocarbamate zinc to improve the processing safety of rubber compound.DDTS has no pollution, no discoloration and excellent dispersibility in rubber, it is suitable for bright and colorful products, short vulcanization molding products, dipped article and fabric skim coating, etc.

### DOSAGE:

For NR:0.5-1.0phr together with 2.5-3.5phr sulfur

As a main accelerator

For SBR:0.5-1.0phr together with 0-0.2phr thiuram and 1.5-2.5phr sulfur

### TYPICAL VALUES:

Melting point: Min 180°C

Purity: Min 96%

Ash content: Max 0.3 %

Heat loss: Max 0.4 %

63µm sieve residue: Max 0.5 %

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix® DDTS-80GE F140</b>	80	Grey Granules	140	EPDM/EVM	29.0	1.20

\* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR 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 DDTS powder, Actmix®DDTS-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 DDTS-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, 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.