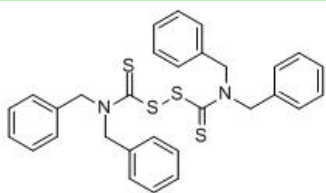


ACTMIX TBzTD-70GE F140

Accelerator TBzTD

ACTIVE MATERIAL



Tetrabenzylthiuram disulphide

$C_{30}H_{28}N_2S_4$

M.W.: 554.82

CAS: 10591-85-2

EINECS: 404-310-0

PROPERTIES:

TBzTD can lead to high processing safety and faster cure rate as an accelerator of natural rubber and synthetic rubber vulcanization. TBzTD satisfies requirements of "Technical Regulations for Dangerous Materials" TRGS 552 about toxicity of nitrosamines in Germany and not release carcinogenic nitrosamines during vulcanization. Addition of thiazoles or sulfenamides accelerators can slow the vulcanization, shorten scorching and vulcanization time and vulcanization without significant increases. It can be activated by alkaline accelerators such as aldehyde-amines and guanidines.

DOSAGE:

0.2-2.0phr with 0.9-2.8phr sulfur.

TYPICAL VALUES:

Melting point: Min 128°C

Purity: Min 96%

Ash content: Max 0.3%

Heating loss content: Max 0.3%

63µm sieve residue: Max 0.5%

MASTEBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)
Actmix® TBzTD-70GE F140	70	Light-Yellow Granules	140	EPDM/EVM	16.4	1.12

* 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 TBzTD powders, Actmix®TBzTD-70GE F140 allows:

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

Effective guarantee of activity of TBzTD 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.