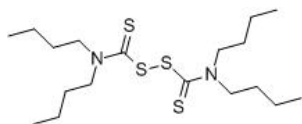


ACTMIX TBTD-40PE

Accelerator TBTD

ACTIVE MATERIAL



Tetrabutylthioperoxydicarbamic acid

$C_{18}H_{36}N_2S_4$

M.W.: 408.75

CAS No.: 1634-02-2

EINECS No.: 216-652-6

PROPERTIES:

TBTD can be used as super accelerator and curing agent for natural and synthetic rubber, the effective sulfur content is 7.5%, the best curing temperature is 95-110°C. It is often used in low temperature vulcanizates due to its larger solubility in organic solvent, could be used for sulphur-free rubber together with accelerator TMTD, the aging resistance and heat-resistant property of the products are excellent. TBTD have the effect of the stabilizer in the mixing glue, also can improve the aging resistance of rubber. For dry glue, it is only second accelerator, also is a good activator of thiazole promoter. In rubber products, no blooming, no pollution, good dispersion performance

and can be used in the manufacture of rubber shoes, adhesive, inner tube, rubber industrial products, etc.

TYPICAL VALUES:

Freezing point: Min 20°C

Purity: Min 98%

Ash content: Max 0.3 %

Heat loss: Max 2.0 %

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)
Actmix® TBTD-40PE	40	Pale green slab	-	EPDM/EVM	11.7	1.00

* 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 TBTD powder, Actmix®TBTD-40PE allows:

Effective guarantee of activity of TBTD-40 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.

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.