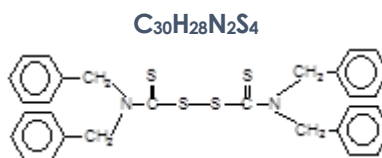


TBzTD masterbatch (Thiuram accelerator & sulfur donor)

- TETRABENZYL THIURAM DISULFIDE
- Molecular Weight : 544
- CAS : 10591-85-2
- EINECS : 404-310-0



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (μ m)	Mooney ML (1+4) 80°C Typical value	Density Typical value
TBzTD 70 GA F140	70	Beige* (N)	140	20	1.16

GA: Granules co-polymer of acetate/acrylate & polyethylene

* Depending on natural variation of TBZTD

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 125 °C

REMARKS

- Non-staining
- Non-discolouring

PROPERTIES

Mixland+® TBzTD is a safe and fast primary thiuram accelerator for NR, IR, BR, SBR and NBR. It used as a secondary accelerator too. In NR, in association with CBS, it is better in reversion and heat build-up than TMTD and it has a longer scorch time. In EPDM, it is a good booster when is combining with other accelerators. In mercaptan modified CR, it is a scorch retarder when it is used with thioureas. As a safe thiuram, it can replace TMTD. Generally, 1phr of TMTD to 2phr of TBZTD. An addition of ~0.3phr of ZBEC exhibits to reach similar curing time. In thick rubber parts, Mixland+® TBzTD improves antireversant effect of HTS or Vultac®. For compound containing a high level of silica, it increases filler rubber bound. It could be used also in devulcanization process for reclaiming uses with addition of sulfur, stearic and ZnO.

APPLICATIONS

Tires, buffers, conveyor belting, seals, hoses, profiles, footwear, cable sheathing, insulation, etc...

PACKAGING & STORAGE

- PE bags weight : 20 kg net
 - Standard CP3 pallet : 640 kg - Do not pile more than 2 pallets height
 - Shelf-life : **2 years** in its original packaging
- Store in a dry and cool place and away from direct sources of heat or sunlight.

SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

NITROSAMINE SAFE

MIXLAND+® MASTERBATCH ALLOWS:

- Dust free products with a high level of filtration up to 100 μ
- Tack free products at room temperature
- Lower Mooney viscosity, improving quality of dispersion
- Scrap rate reduction thanks to filtration
- Wider compatibility with elastomers

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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