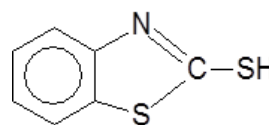


MBT masterbatch (Thiazole accelerator)

- 2-MERCAPTOBENZOTHAZOLE
- Molecular Weight : 167
- CAS : 149-30-4
- EINECS : 205-736-8

C₇H₅NS₂



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (μm)	Mooney ML (1+4) 80°C Typical value	Density Typical value
MBT 80 GA F140 ①	80	Light Brown* (P)	140	25	1.27 to 1.32
MBT 75 BA F140 ②	75			30	

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

BA: Slabs co-polymer of acetate/acrylate & polyethylene

* Depending on natural variation of MBT

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 175 °C
- Purity : 96.0%

REMARKS

Non-staining
Slightly colouring
Bitter

PROPERTIES

Mixland+® MBT masterbatch is a medium fast and scorchy accelerator for natural and synthetic rubbers. Vulcanisates accelerated with MBT tend to have low modulus, very good ageing properties and little tendency to discoloration. But care should be taken because it has a slight tendency to scorch.

It is suitable for NR, IR, BR, SBR, NBR, IIR and EPDM but is unsuitable for products connected with food due to its bitter taste.

It can also be used as a retarder for sulfur-modified CR.

It readily disperses in rubbers. It is very active at temperatures above 130-135° C.

It can be used alone but low temperature curing can be achieved by the use of TMTD, TETD or DPG as secondary accelerators.

APPLICATIONS

Tire treads, carcass, wire insulation, footwear, rubber goods, tubes, hoses, toys, conveyor belts, mechanical goods, etc...

PACKAGING & STORAGE

① PE bags weight : 20 kg net on Standard CP3 pallet of 640 kg net

② Cardboard box weight : 25 kg net on Standard CP3 pallet of 600 kg net

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 FREE

MIXLAND+® MASTERBATCH ALLOWS:

- Dust free products with a high level of filtration up to 100μ
- 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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