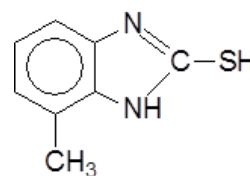


# MMBI masterbatch (Antioxydant)

- (4/5)-METHYL-2-MERCAPTOBENZIMIDAZOLE
- Molecular Weight : 164
- CAS : 53988-10-6
- EINECS : 258-904-8

C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>S



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (µm)	Mooney ML (1+4) 80°C Typical value	Density Typical value
MMBI 70 GA F200	70	Greyish* (N)	200	25	1.15

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

\* Depending on natural variation of MMBI

## ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 273 °C
- Purity : 98.0%

## REMARKS

- Non-staining
- Non-discolouring

## PROPERTIES

Used alone, Mixland+® MMBI masterbatch provides relatively weak antioxidant effect on natural and synthetic rubbers, somewhat improved in vulcanisates accelerated with dithiocarbamates.

In combination with other antioxidants Mixland+® MMBI masterbatch provides remarkable synergistic antioxidant performances. As it is no discolouring and no-staining, it can be used in white or coloured goods.

It also has a brightening effect, especially if the goods are transparent.

It affords protection from oxygen, heat and no orientated crack formation (cracking). To some extent, Mixland+® MMBI masterbatch is effective against rubber poisons and fatigue.

It reduces significantly blooming tendency of thiurams.

It is used for NR, IR, BR, SBR, NBR.

## APPLICATIONS

Heat-resistant thiuram-cured goods; white, light-coloured and transparent goods, etc...

## PACKAGING & STORAGE

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