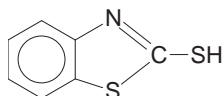


MBT masterbatch

Nitrosamine-free thiazole accelerator

ACTIVE MATERIAL



2-Mercaptobenzothiazole
C₇H₅NS₂
M.W. : 167
CAS : 149-30-4
EINECS : 205-736-8

PROPERTIES :

Mixland®^{NEWGEN} 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.

Mixland®^{NEWGEN} MBT masterbatch is suitable for NR, IR, BR, SBR, NBR, IIR and EPDM but is unsuitable for products connected with food stuffs due to its bitter taste.

Mixland®^{NEWGEN} MBT masterbatch can also be used as a retarder for sulphur-modified CR.

Mixland®^{NEWGEN} MBT masterbatch readily disperses in rubbers. It is very active at temperatures above 130-135° C.

Mixland®^{NEWGEN} MBT masterbatch can be used alone but low temperature curing can be achieved by the use of TMTD, TETD or DPG as secondary accelerators.

APPLICATIONS :

Tyre treads, carcass, wire insulation, footwear, rubber goods, tubes, hoses, toys, conveyor belts, mechanical goods, etc
TYPICAL VALUES :
Melting point : 175° C
Purity : 96 %
Specific gravity : 1.51

REMARKS :

Non-staining, slightly colouring.

MASTERBATCH

PRODUCT	Active Content (%)	Colour <i>N for natural</i> <i>P for pigment</i>	Mooney ML(1+4) 80° <i>Typical value</i>	Density <i>Typical value</i>
MBT 80 G	80	Light Brown (P)	25	1.32

SAFETY & TOXICITY:

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

PACKAGING & STORAGE:

PE bags weight: 20 kg net-CP3 pallet: 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.

MIXLAND®^{NEWGEN} Masterbatch offers:

- Rapid mixing and good dispersion in a wide range of elastomers.
- Efficient use of chemicals.
- Short cleaning time.
- Long shelf-life time.
- Excellent working conditions: dust free products, suitable for automatic weighing and handling equipment, less skin contact for operators.
- Elimination of residual dust in packaging.

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.

Issue 1 dated January 2014 © MLPC International

TECHNICAL DATA SHEET - MASTERBATCH NEWGEN MBT