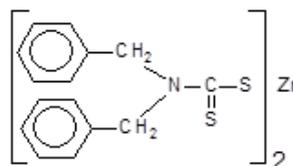


ZBEC masterbatch (Dithiocarbamate accelerator)

- ZINC DIBENZYL DITHIOCARBAMATE
- Molecular Weight : 610
- CAS : 14726-36-4
- EINECS : 238-778-0



| PRODUCT | Active Content (%) | Colour N for Natural P for Pigment | Filtration (µm) | Mooney ML (1+4) 80°C Typical value | Density Typical value |
|-------------------|--------------------|--|-----------------|---------------------------------------|--------------------------|
| ZBEC 70 GA F100 ① | 70 | White to greyish* (N) | 100 | 20 | 1.2 |
| ZBEC 75 BA F140 ② | 75 | | 140 | 15 | |

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

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

* Depending on natural variation of ZBEC

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 180 °C

REMARKS

- Non-staining
- Non-discolouring
- Non-carcinogenic nitrosamine

PROPERTIES

Mixland+® ZBEC masterbatch is an ultra-accelerator, used either alone or as a secondary accelerator, for fast vulcanization of solid rubber such as NR, SBR, EPDM, IIR, IR and NBR.

It has the best scorch resistance and processing safety of the whole range of zinc dithiocarbamate accelerators.

It gives high modulus and transparency.

It is also an activator for accelerators such as thiazoles, thiurams and sulfenamides.

It gives fast curing, has a low critical temperature and a medium curing range up to 121°C.

In association with HTS or VULTAC®, Mixland+® ZBEC improves antireversant effect.

It has a high solubility in rubbers.

APPLICATIONS

Carpet backings, foam rubber, rubber threads, rubberised textiles, bathing caps, bath mats, footwear, cable coverings and wire insulation, 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 SAFE

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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