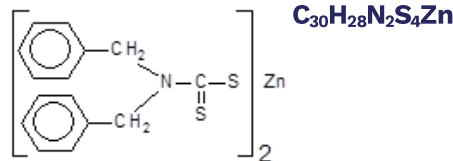


## ZBEC masterbatch (Dithiocarbamate accelerator)

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



PRODUCT	Active Content (%)	Color N for Natural P for Pigment	Filtration (µm)	Mooney ML (1+4) 80°C Typical value	Density Typical value
ZBEC 70 GA F100	70	White to greyish* (N)	100	20	1.2

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

\* Depending on natural variation of ZBEC

### ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 180 °C

### REMARKS

- Non-staining
- Non-discoloring
- 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

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 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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**ARKEMA**

# DISCLAIMER FOR MEDICAL DEVICE POLICY

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The product described in the brochure is not Medical grade designated for Medical Device applications.

## **Arkema general Medical Devices Policy**

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications that are in contact with the body or circulating bodily fluids. Arkema has designated Medical grades to be used for such Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications that are in contact with the body or circulating bodily fluids. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.