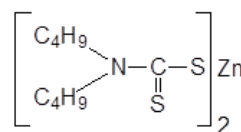


## ZDBC masterbatch (Dithiocarbamate accelerator)

- **ZINC DIBUTYL DITHIOCARBAMATE**
- **Molecular Weight** : 474
- **CAS** : 136-23-2
- **EINECS** : 205-232-8



| PRODUCT         | Active Content (%) | Color<br>N for Natural<br>P for Pigment | Filtration (µm) | Mooney ML (1+4)<br>80°C<br>Typical value | Density<br>Typical value |
|-----------------|--------------------|---|-----------------|--|--------------------------|
| ZDBC 75 GA F140 | 75                 | White to greyish* (N)                   | 140             | 15                                       | 1.14                     |

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

\* Depending on natural variation of ZDBC

### ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 108 °C

### REMARKS

Slightly staining  
Non-discoloring

### PROPERTIES

Mixland+<sup>®</sup> ZDBC masterbatch is an ultra-accelerator for NR, SBR, CR, IIR, EPDM. In dry rubber, it provides acceptable scorch resistance.

It is widely used as a secondary ultra-accelerator for thiazoles and sulfenamides.

It provides good ageing resistance for transparent products, dispersions, adhesives and profiles.

It is a general polymer stabiliser and an antioxidant for uncured dry rubber compounds.

It presents the same properties as ZDEC but it disperses more rapidly and is less blooming.

It gives fast curing from 100°C and up, has a low critical temperature and a medium curing range below 121°C.

### APPLICATIONS

Technical rubbers, extruded profiles, etc.

### PACKAGING & STORAGE

PE bags weight : 20 kg net

Standard CP3 pallet : 640 kg - 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.

### MIXLAND+<sup>®</sup> 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.