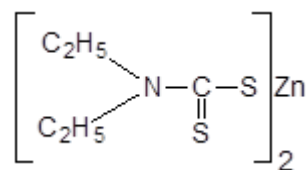


# ZDEC masterbatch (Dithiocarbamate accelerator)

- ZINC DIETHYL DITHIOCARBAMATE
- Molecular Weight : 361
- CAS : 14324-55-1
- EINECS : 238-270-9



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (µm)	Mooney ML (1+4) 80°C Typical value	Density Typical value
ZDEC 75 GA F140	75	White to greyish* (N)	140	20	1.14

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

\* Depending on natural variation of ZDEC

## ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 108 °C

## REMARKS

Slightly staining  
Non-discolouring

## PROPERTIES

Mixland+® ZDEC masterbatch is a fast curing accelerator for NR, SBR, NBR, IR, IIR, BIIR, EPDM.

It exceeds ZDMC in accelerating effects and shows a slight tendency to premature vulcanization.

It is also used as a secondary accelerator for all sulfur curable elastomers. In general mechanical rubber goods, it is used with TBBS.

It is a booster for thiazole, guanidine and aldehyde-amine accelerators.

In adhesive systems, Mixland+® ZDEC masterbatch acts as an antioxidant and it is a stabiliser in thermoplastic rubbers and hot melts.

It provides fast cures at low curing temperatures, limited scorch safety, vulcanisates with good levels of mechanical properties, good heat-aging resistance and excellent vulcanisate colour in non-black compounds.

In vulcanization, Mixland+® ZDEC masterbatch is very active at temperatures above 120-135° C, and it readily disperses in rubbers.

## APPLICATIONS

Foam rubber, rubber-coated fabrics, rubber cement, moulded goods, sponge products, transparent and light-coloured articles, cable insulation, 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+® 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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