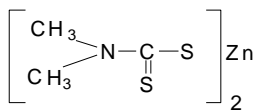


ZDMC MASTERBATCH

Dithiocarbamate ultra-accelerator

ACTIVE MATERIAL



Zinc Dimethyl
Dithiocarbamate

C₆H₁₂N₂S₄Zn
M.W.: 305
CAS: 137-30-4
EINECS: 205-288-3

PROPERTIES:

Mixland® ZDMC masterbatch is an ultra-accelerator, used either alone or as a secondary accelerator, for the fast vulcanization of natural and synthetic latex and also solid rubber types such as NR, SBR, EPDM, IIR, IR and NBR. Mixland® ZDMC masterbatch gives a fast cure, high modulus and short scorch times. It provides rubbers with good heat-ageing resistance.

Mixland® ZDMC masterbatch is also an excellent activator for thiazole, guanidine and aldehyde-amine accelerators.

Mixland® ZDMC masterbatch generally requires thiazole modifier for safe processing.

Mixland® ZDMC masterbatch is suitable for products connected with foodstuffs by its properties tasteless and odourless.

Mixland® ZDMC masterbatch is not conducive to pre vulcanizing at room temperature but has a strong accelerating effect at temperatures above 110-150°C. This ensures safe and reliable curing, which is also encouraged by the broad vulcanizing plateau effect. It disperses easily in rubber.

APPLICATIONS:

Rubber-coated fabrics, rubber cement, latex products, wire insulations and cable coverings, footwear, moulded goods, bathing caps, clear coloured articles...

TYPICAL VALUES:

Melting point : 240°C
Specific gravity : 1.65

REMARKS:

Non-staining
Non-discolouring

MASTERBATCH

PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (microns)	Binder	Mooney ML (1+4) 50° Typical value	Density Typical
ZDMC 75 GE F500	75	White to Beige (N)	500	EPR/EVA	40	1.20

GE:

Pellets on EPR/EVA binder

SAFETY & TOXICITY:

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

PACKAGING & STORAGE:

Cardboard box weight : 25 kg net-Standard CP3 pallet : 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.

Owing to its physical form, MIXLAND® masterbatch offers:

- ✓ Rapid mixing and better dispersion in a wide range of elastomers.
- ✓ More efficient use of chemicals.
- ✓ Shorter cleaning time.
- ✓ Longer 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.