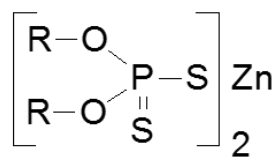


ZDTP masterbatch (Accelerator and sulfur donor)

- ZINC ALKYL DITHIOPHOSPHATE
- Molecular weight : 130
- CAS : 85940-28-9
- EINECS : 288-917-4



PRODUCT	Active Content	Colour	Filtration	Mooney ML (1+4) 80°C	Density
	(%)	N for Natural P for Pigment	(µm)	Typical value	Typical value
ZDTP 50 GA F500 ①	50	White to grey* (N)	500	20	1.2
ZDTP 50 BA F500 ②					

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

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

ACTIVE MATERIAL TYPICAL VALUES

- Appearance : Light yellow liquid
- Sulfur content : 18%

REMARKS

- Non-staining
- Non-discolouring

PROPERTIES

Mixland+® ZDTP masterbatch is a secondary accelerator and a non-blooming sulfur donor for the vulcanization of NR and synthetic rubbers such as SBR, NBR, IR, IIR and EPDM.

It can substitute classical sulfur donors such as DTDM, DPTT or TMTD.

It provides vulcanisates with good heat ageing resistance and favourable compression set properties.

In NR, Mixland+® ZDTP masterbatch is an ultra-accelerator for sulfenamides and it gives excellent reversion resistance.

It readily disperses in rubbers.

Recommended quantity is between 2 to 6 phr.

Proper vulcanization is obtained with sulfenamides at temperatures above 180° C. For NR, Mixland+® ZDTP masterbatch gives an excellent vulcanization plateau with sulfenamides.

APPLICATIONS

Tires, engine mounts, EPDM profiles, heat-resistant products, 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 FREE

COMPARED TO A TRADITIONAL EVA/EP(D)M BINDER, 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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