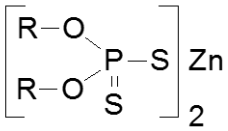
MIXLAND+®

ZDTP masterbatch (Accelerator and sulfur donor)

- **ZINC ALKYL DITHIOPHOSPHATE**
- **Molecular weight : >1 563 - <2 404**
- **CAS : 85940-28-9**
- **EINECS : 288-917-4**



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

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

ACTIVE MATERIAL TYPICAL VALUES

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

REMARKS

Non-staining
Non-discoloring

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

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 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

Issued 5 dated March 2022 **TECHNICAL DATA SHEET**

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ARKEMA

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Arkema general Medical Devices Policy

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