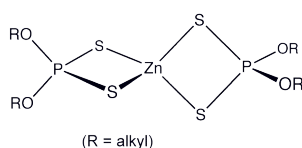


ACTMIX ZDTP-50GE F500

Accelerator ZDTP

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Zinc
dialkyldithiophosphate

PROPERTIES:

ZDTP is a special accelerator for EPDM containing sulfur, ZnO, thiazoles and thiurams accelerators. It can lead to high degree of cross-linking and no appearance of blooming when dosage is up to maximum recommended amount. ZDTP masterbatch has processing safety and storage stability. As an ingredient of effective vulcanization system it is an accelerator for vulcanization of rubber such as NR, IR, BR, NBR, IIR, etc and its vulcanizate has excellent heat resistance. It is a secondary accelerator with sulfenamides thiazoles, and thiurams for vulcanization of EPDM and NR. No formation of hazardous nitrosamines takes place during vulcanization.

DOSAGE:

For NR: 2-3phr;
For SBR/NBR: 2-3phr.
For EPDM: 2-3phr.

APPLICATIONS:

Engineering molded and extruded products such as films, tyre buffer layers, rubber fenders, seals, etc.

TYPICAL VALUES:

Density: 1.10 g/cm³
Purity: Min 97%
Sulfur content: 18.5-20.5%
Heat loss: Max 0.5%

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PRODUCT	Active Content (%)	Color	Filtration (μm)	Binder	Mooney ML (1+4) 50°C	Density (g/cm ³)
Actmix® ZDTP-50GE F500	50	Milky-white semitransparent	500	EPDM/EVM	50	1.23

* Binder type can be customized. Except EPDM/EVM, other binders, such as NBR, SBR, AR, ECO also can be available for.

SAFETY&TOXICITY:

Please refer to related MSDS.

PACKAGING&STORAGE:

Net weight 25kg/carton lined PE bag; Net weight 600 kg/pallet.
Stored in a dry and cool place. Shelf-life: 1 year in its original packaging

Compared to traditional ZDTP liquid, Actmix®ZDTP-50GE F500 allows:

Avoidance of smelly pungent odor of ZDTP liquids due to masterbatch with slight odor, production environment improver.

Effective guarantee of activity of ZDTP due to pre-dispersed masterbatch.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50°C), higher quality of dispersion.

Impurity free, blocked filter free of extrusive products, scrap rate reduction and higher productivity thanks to filtration.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F500: filtration and micron number of filter

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.

Actmix®ZDTP-50GE F500

TECHNICAL DATA SHEET (TDS) version 1.3

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