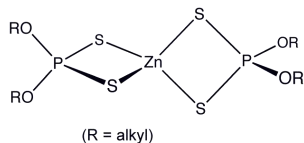


ACTMIX ZBOP-50GE F140

Accelerator ZBOP

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Phosphorodithioic acid,
mixed O,O-bis(2-ethylhexyl
and iso-Bu) esters, zinc
salts

PROPERTIES:

ZBOP is a special accelerator for EPDM which contains sulphur, ZnO, thiazoles and thiurams accelerant. It can lead to high degree of cross-linking and no blooming with maximum usage dosages recommended. ZBOP 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 an assistant accelerator with thiazoles, thiurams, sulfenamides for vulcanization of EPDM and NR. There is no hazardous nitrosamines during curing process.

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:

Purity: Min 97%
Sulfur content: 17.6-18.5%
Heat loss: Max 0.5%

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PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)
Actmix® ZBOP-50GE F140	50	Milk white transluence Granules	140	EPDM/EVM	8.7	1.20

* 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 SDS.

PACKAGING&STORAGE:

Net weight 25kg/PE bags lined carton; Net weight 600 kg/pallet.

Stored in a dry and cool place. Shelf-life: 1 year in its original packaging

Compared to traditional ZBOP liquid, Actmix®ZBOP-50GE F140 allows:

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

Effective guarantee of activity of ZBOP 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.h

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F140: 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.