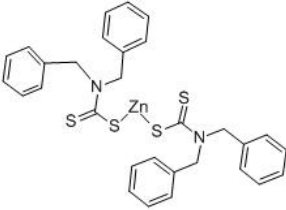


ACTMIX ZBEC-70GE F100

Accelerator ZBEC

| | | | |
|--|---|---|---|
| A C T I V E M A T E R I A L |  | <p>PROPERTIES:</p> <p>ZBEC is an ultrafast dithiocarbamates accelerator which no produce nitrosamine and a primary or secondary accelerator for natural and synthetic rubber such as EPDM, IR, SBR, NBR, IIR, etc. Compared to traditional dithiocarbamates accelerators, ZBEC has higher processing safety. It can activate thiazoles or sulfenamides and can be activated by alkaline accelerators. Vulcanizate accelerated by ZBEC has tensile strength is similar with other dithiocarbamates when dosage is same.</p> | <p>DOSAGE:</p> <p>For EPDM: 0.8-2.5phr; For NR, SBR, NBR: 0.8-2.0phr.</p> <p>TYPICAL VALUES:</p> <p>Initial melting point: 180°C Purity: Min 97% Zinc content: 10.0-12.0% Heating loss content: Max 0.5% 63µm sieve residue: Max 0.5%</p> |
| | <p>Zinc dibenzyl dithiocarbamate</p> | | |
| | <p>C₃₀H₂₈N₂S₄Zn</p> | | |
| | <p>M.W.: 610.21</p> | | |
| | <p>CAS: 14726-36-4 EINECS: 238-778-0</p> | | |

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|---|--|--------------------|-------------------|-----------------|----------|--------------------|------------------------------|--|
| M A S T E R B A T C H | <p>PRODUCT</p> | Active Content (%) | Appearance | Filtration (µm) | Binder | Sulfur Content (%) | Density (g/cm ³) | |
| | <p>Actmix ZBEC-70GE F100</p> | 70 | White Granules | 100 | EDPM/EVM | 14.7 | 1.22 | |
| | <p>* Binder type can be customized. Except for EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.</p> | | | | | | | |
| | <p>SAFETY&TOXICITY:</p> <p>Please refer to related SDS.</p> | | | | | | | |
| | <p>PACKAGING&STORAGE:</p> <p>Net weight 25kg/PE bags lined carton; Net weight 600 kg/pallet. Shelf-life: 1 year in its original packaging Stored in a dry and cool place.</p> | | | | | | | |

Compared to traditional ZBEC powder, Actmix ZBEC-70GE F100 allows:

- Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.
- Effective guarantee of activity of ZBEC 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, F100: 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.