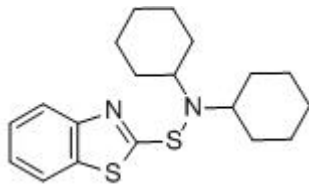


ACTMIX DCBS-80GE F140

ACCELERATOR DCBS(DZ)

ACTIVE MATERIAL



N,N-Dicyclohexyl-2-benzothiazolsulfene amide
 $C_{19}H_{26}N_2S_2$
 M.W. 346.55
 CAS No.: 4979-32-2
 EINECS No.: 225-625-8

PROPERTIES:

Compared with CBS, TBBS, MBS,DCBS scorch time and curing time is long, modulus of vulcanized rubber is low. The homologous physical properties to obtain need higher dosage. to increase the amount to obtain the corresponding properties. Usually used in the steel wire rubber formula to improve the bonding strength. DCBS can delay scoring, improve process safety. DCBS-80 can make the rubber compound with long scorching, safety processing and high curing speed. It can be used alone in the low sulphur vulcanization, also can be used together with dithiocarbamate salts or thiuram accelerators, the vulcanizates has good aging resistance and compression set resistance.

Dosage:

For NR: primary accelerator:
 0.5-1.0phr with 2.5-3.5phr sulfur;
 For SBR: 1.0-1.5phr combine with
 0-0.2 thiuram accelerators and
 1.5-2.5phr sulfur.

TYPICAL VALUES:

Melting point: Min 97°C
 Purity: Min 98%
 Free amine: Max 0.4%
 Ash content: Max 0.3%
 Heat loss: Max 0.3 %
 63µm sieve residue: Max 0.5%

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm³)
Actmix DCBS-80GE F140	80	Beige Granules	140	EPDM/EVM	14.8	1.03

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

SAFETY&TOXICITY:

Please refer to related SDS.

PACKAGING&STORAGE:

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

Compared to traditional DCBS powder, Actmix DCBS-80GE F140 allows:

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