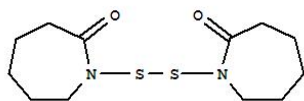


# ACTMIX CLD-80GE/C

## Vulcanizator CLD (DTDC)

ACTIVE MATERIAL



1,1'-dithiobis[hexahydro-2H-azepin-2-one]

C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

M.W.:288.43

CAS No.: 23847-08-7

EINECS No.:245-910-0

### PROPERTIES:

CLD mainly used for natural rubber, SBR,NBR as vulcanizing agent. It can be part or all substitute of sulfur, easy dispersion and safety processing. Vulcanizates has good mechanical properties, heat resistance, aging resistance, low compression set. Suitable for manufacturing wire, cable, heat-resistant parts, thick products and medical thrombosis. Because of non-blooming, safety scorching, and fast vulcanizing speed, it is the best vulcanizator for large model, heat-resistant, hygiene and colorful, etc. It is the alternative DTDM to environmentally friendly non-nitrosamine vulcanizing agent.

**DOSAGE:** 1.0-2.0 phr

### APPLICATION:

Anti-reversion NR products, heat aging resistance of SBR, NBR and EPDM products.

### TYPICAL VALUES:

Initial melting point: 118℃  
Purity: Min 97%  
Sulphur content:21-24.0%  
Ash content: Max 0.3%  
Heat loss: Max 0.5%  
63µm sieve residue: Max 0.5%

MASTERBATCH

Product	Active Content(%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density(g/c m <sup>3</sup> )
<b>Actmix® CLD-80GE/C</b>	80	Blue Granules	140	EPDM/EVM	17.5	1.12

\*Binder type can be customized.Except for 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/PE bags lined carton; Net weight 600kg per pallet.

Shelf-life : 6 month in its original package.

Stored in a dry and cool place.

### Compared to traditional DTDC powders, Actmix®CLD-80GE/C allows:

Dust free of CLD-80 with a complete filtration up to 100µm, the skin does not produce allergies, safety of operation.

Effective guarantee of stability and activity of DTDC due to polymer-bound pre-dispersed rubber chemicals.

Tack free under room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature(50℃), excellent dispersion, no appearance of white-spot.

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.

Actmix®CLD-80GE/C

TECHNICAL DATA SHEET (TDS) version 1.4

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