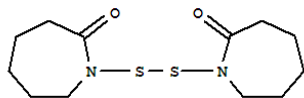


ACTMIX CLD-80GE F500

ACTIVE MATERIAL



Caprolactmadisulfide

Formula: C₁₂H₂₀N₂O₂S₂

M.W.: 288.43

CAS No.: 23847-08-7

EINECS No.: 245-910-0

Vulcanizator DTDC

PROPERTIES:

CLD mainly used for natural rubber, SBR, NBR as vulcanizing agent. Can be part or all substitute of the 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 (such as rubber tyres), heat-resistant, hygiene and colorful etc rubber parts. 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: 120°C
 Purity: Min 97%
 Sulphur content: 21-24.0%
 Ash content: Max 0.5%
 Heat loss: Max 0.5%
 63µm sieve residue: Max 0.8%

MASTERBATCH

Product	Active Content(%)	Color	Filtration (µm)	Binder	Mooney ML(1+4) 50°C	Density(g/c m ³)
Actmix® CLD-80GE F500	80	Off-white	500	EPDM/EVM	50	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 MSDS.

PACKAGING&STORAGE:

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

Shelf-life : 1 year in its original packaging

Stored in a dry and cool place.

Compared to traditional DTDC powders, Actmix®CLD-80GE F500 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°C), 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, F200: 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 F500

TECHNICAL DATA SHEET (TDS) version 1.3

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