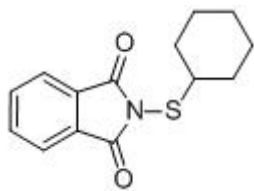


ACTMIX CTP-80GE F500

Anti-Scorcher CTP (PVI)

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C
T
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V
E

M
A
T
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I
A
L



Cyclohexylthiophthalimide

C₁₄H₁₅O₂SN

M.W.: 261.34

CAS: 17796-82-6

EINECS: 241-774-1

PROPERTIES:

Active ingredient CTP is a vulcanization retarder of nature rubber and diene rubbers, which can unnoticeably prolong total vulcanizing time. It can improve processing safety and not impact properties of vulcanizates combination with sulfenamides or thiazoles. This product can significantly improve the storage stability and high temperature processing safety performance of unvulcanized rubber, fully improve equipments production capacity. It does not cause a contact stain.

DOSAGE:

Usually 0.2-2.0phr, will be blooming if more than

5.0phr.

APPLICATIONS:

Nature and synthetic rubber compounds (tyre, conveyor belt, shoe soles, molded and extruded products).

TYPICAL VALUES:

Melting point: 89°C

Purity: Min 98%

Heating loss: Max 0.5%

Ash content: Max 0.1%

CAUTIONS:

Non-staining, little colored for white rubber compounds.

M
A
S
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PRODUCT

Active
Content (%)

Appearance

Filtration
(µm)

Binder

Sulfur Element
(%)

Density
(g/cm³)

**Actmix®
CTP-80GE F500**

80

White Granules

500

EPDM/EVM

9.8

1.10

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

SAFETY&TOXICITY:

Please refer to related SDS.

PACKAGING&STORAGE:

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

Shelf-life : 1 year in its original packaging

Stored in a dry and cool place.

Compared to traditional CTP powders, Actmix®CTP-80GE F500 allows:

Dust free products with a complete filtration up to 150µm, avoid bad odor of CTP, health guard of operators.

Effective guarantee of activity of MBI 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, F500: 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®CTP-80GE F500

TECHNICAL DATA SHEET(TDS)version 1.3

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