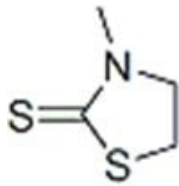


ACTMIX MTT-80GE F500

Accelerator MTT

ACTIVE MATERIAL



3-methylthiazolidine-2-thione

C₄H₇NS₂

M.W :133.1

CAS No.: 1908-87-8

EINECS NO:217-614-1

PROPERTIES:

MTT, a thiazole heterocycles chemical, contained active sulfur atoms, can be crosslinking with a polymer containing halogen, especially for Polychloroprene. During the Polychloroprene curing, combination with Metal oxide(e.g. ZnO, MgO, or PbO), can be achieved a high degree of crosslinking in a short time. Thiourea accelerator ETU alternative accelerator, a environment-friendly accelerator.

DOSAGE:

Polychloroprene 100phr
MgO 4phr or ZnO 5phr or PbO 20phr
MTT 0.4-1.5phr

In compound with lower rubber or added light-color filling, to achieve the best machining properties, add 0.5-1.0phr MTT + 0.2-1.0phr Sulfur

TYPICAL VALUES:

Initial melting point: 65°C
Purity: Min 98%
Ash content: Max 0.5%
Heat loss: Max 0.5%
140µm sieve residue: Max 0.3%

MASTERBATCH

Product	Active Content(%)	Color	Filtration (µm)	Binder	Mooney ML(1+4) 50°C	Density(g/m ³)
Actmix® MTT-80GE F500	80	Off-white	500	EPDM/EVM	50	1.05

*Binder type can be customized, EPDM/EVM, NBR, SBR, AR, ECO all 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 MTT powders, Actmix®MTT-80GE F500 allows:

Dust free of MTT-80 with a complete filtration up to 140µm, safety of operators.

Effective guarantee of stability and activity of MTT after produced in 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 dispersibility.

Granulation while filtration, impurity free, blocked filter free of extruded products, scrap rate reduction and improve production efficiency

Wider compatibility with other kinds of rubber..

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®MTT-80GE F500

TECHNICAL DATA SHEET (TDS) version 1.3

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