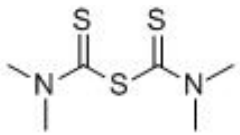


# ACTMIX TMTM-80GN F500

## Accelerator TMTM (TS)

ACTIVE MATERIAL		PROPERTIES:	DOSAGE:
	Tetramethylthiuram monosulfide	TMTM can extremely accelerate vulcanization rate of natural and synthetic rubber and has good scorching safety. The activity can be improved by combination of alkaline accelerators such as aldehyde-amines and guanidines. As a secondary accelerator with sulfenamides and thiols, TMTM has important applications in technically. Low-sulfur vulcanization can provide excellent heat aging resistance for vulcanizates.	For NR: 0.15-0.3phr with 2-3phr sulfur; For SBR: 0.25-1.5phr with 2-3.5phr sulfur; For IIR: 1-2phr with 1-2 phr sulfur; For NBR: 0.1-3phr with 0.5-2phr sulfur and 1-2phr thiols accelerators; For CR: 0.5-1phr with 0.5-1phr sulfur and 1-3phr accelerator D.
	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> S <sub>3</sub>		TYPICAL VALUES:
	M.W.: 208.37		Initial melting point: 105°C
	CAS: 97-74-5		Purity: Min 98%
	EINECS: 202-605-7		Ash content: Max 0.3% Heating loss content: Max 0.3% 63µm sieve residue: Max 0.5%

MATERIALS	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )	
	Actmix® TMTM-80GN F500	80	Yellow Granules	500	NBR	36.5	1.16	
	* Binder type can be customized. Except NBR, others binders, such as EPDM/EVM, 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.						
	MATERIALS							

### Compared to traditional TMTM powder, Actmix®TMTM-80GN F500 allows:

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

Effective guarantee of activity of TMTM 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.