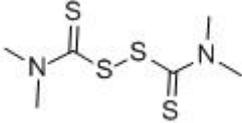


ACTMIX TMTD-70GN F140

Accelerator TMTD (TT)

A C T I V E M A T E R I A L	 <p>Tetramethylthiuram disulfide $C_6H_{12}N_2S_4$ M.W.: 240.43 CAS: 137-26-8 EINECS: 205-286-2</p>	PROPERTIES:	DOSAGE:
		TMTD can extremely accelerate curing rate of natural and synthetic rubber and has good scorching safety. It almost doesn't affect degree of cross-linking but lower scorching rate and extend total curing time when thiols or sulfenamides is added in. Aldehyde- amines and guanidines alkaline accelerators can activate TMTD. It is a primary accelerator with sulfur, a secondary accelerator with thiazoles and a vulcanizer in sulfurless vulcanization. Sulfurless or low-sulfur vulcanization can provide excellent heat aging resistance properties for vulcanizates.	Primary accelerator: 0.1-1phr with 1-3phr sulfur; For sulfurless heat-resistant rubber compounds: 2.5-4phr with 0.5phr MBT.
			TYPICAL VALUES:
			Initial melting point: 141°C
			Purity: Min 98%
			Ash content: Max 0.3%
	Heating loss content: Max 0.3%		
	63µm sieve residue: Max 0.5%		

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)	
	Actmix® TMTD-70GN F140	69.5	Grey-white Granules	140	NBR	41.0	1.19	
	* Binder type can be customized. Except NBR, others binders, such as EPDM/EVM, SBR also can be available for.							
	SAFETY&TOXICITY:							
	Please refer to related SDS.							
	PACKAGING&STORAGE:							
Net weight 25kg/PE bags lined carton; Net weight 600 kg/pallet.								
Shelf-life: 1 year in its original packaging								
Stored in a dry and cool place.								

Compared to traditional TMTD powder, Actmix®TMTD-70GN F140 allows:

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

Effective guarantee of activity of TMTD 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, 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.