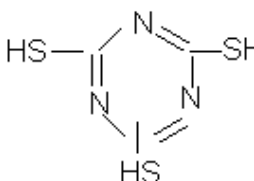


# ACTMIX TM-70/AEMD

## Vulcanizator TM

A C T I V E  M A T E R I A L	 <p>Trithiocyanuric acid C<sub>3</sub>H<sub>3</sub>N<sub>3</sub>S<sub>3</sub> M.W.: 177.3 CAS: 638-16-4 EINECS: 211-322-8</p>	<b>PROPERTIES:</b> TM is an effective vulcanizator for halogen-containing rubber such as CO, ECO, CIIR, BIIR and ACM and is a co-vulcanizator for NBR/PVC elastomer blends. Pre-dispersed anti-scorchers CTP-80 can be added in the formula to improve storage stability of TCY-containing rubber compounds due to its inclination to scorching. Moreover, TCY has a tendency to improve adhesion of rubber and metal.	<b>DOSAGE:</b> For ACM: 0.7-2.1phr with 0.6-1.9 phr ZDBC, 1.2phr CTP and 2.5-3.5phr sulfur; For ECO: 0.7-1.4phr with 1.2phr CTP and 4phr MgO; For CIIR, BIIR: 1.4-2.9phr with 0.4-0.7phr MgO; For NBR/PVC: 1.4-2.9phr with 1-2phr DBD.

**TYPICAL VALUES:**

Melting point: 320°C (decomposed)  
 Purity: Min 97%  
 Ash content: Max 0.3%  
 Heat loss: Max 0.5%  
 63µm sieve residue: Max 0.5%

M A S T E R B A T C H	PRODUCT	Active Content (%)	Color	Filtration (µm)	Binder	Mooney ML (1+4) 50°C	Density (g/cm <sup>3</sup> )
	<b>Actmix® TM-70/AEMD</b>	70	Yellow	140	AEM	30	1.35
* Binder type can be customized. Except AEM, others binders, such as ECO also can be available for.							
<b>SAFETY&amp;TOXICITY:</b> Please refer to related MSDS.							
<b>PACKAGING&amp;STORAGE:</b> 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 TCY powders, Actmix®TM-70/AEMD allows:

- Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.
- Effective guarantee of activity of TCY with 8µm mean size 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: AEM 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.