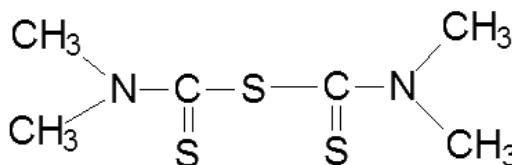


TMTM (Thiuram Accelerator & Polymerization Inhibitor)

- **TETRAMETHYL THIURAM MONOSULFIDE**
- **C₆H₁₂N₂S₃**
- **Molecular Weight: 208**
- **CAS: 97-74-5**
- **EINECS: 202-605-7**
- **REACH: 01-2119980834-25-0000**



PRODUCT	Purity* (%)	Melting point (°C) min*	Specific gravity*	Natural color	Appearance	Oil (%)	Remarks
TMTM C	97	106	1.38	Yellow**	Minimum dusting material	0.6-1.6	Non-staining, non-discoloring, slightly blooming
TMTM PD					Crystallized powder	-	

C: Coated powder / PD: Powder

**Typical values / ** Depending on natural variation of TMTM*

PROPERTIES

Ultra-accelerator for NR with better scorch resistance than DPTT and TMTD. Medium-fast accelerator for SBR, NBR, IIR, EPDM. It is also used as a secondary accelerator for thiazoles and guanidines.

It also acts as a retarder for CR.

Sulfur and zinc oxide are required for good cure.

It provides good heat and ageing resistance.

It is non-coloring and non-staining.

It is also a polymerisation inhibitor for certain synthetic elastomers.

APPLICATIONS

- Tires: carcass and tread.
- General rubber goods: latex articles, wire and cable, footwear, medical and food-contact products, toys, coated fabric, white or light-colored articles, sponge products, etc.

PACKAGING & STORAGE

Paper bag weight: 20 kg net

Standard CP1 pallet: 500 kg net

Shelf-life: **2 years** in its original packaging

Store in a dry and cool place and away from direct sources of heat or sunlight.

SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

TMTM is also available in masterbatch form, under the MIXLAND+® brand name, offering a reduction of industrial hygiene problems and different technical benefits

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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ARKEMA

DISCLAIMER FOR MEDICAL DEVICE POLICY

The product described in the brochure is not Medical grade designated for Medical Device applications.

Arkema general Medical Devices Policy

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications that are in contact with the body or circulating bodily fluids. Arkema has designated Medical grades to be used for such Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications that are in contact with the body or circulating bodily fluids. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.