



Tiarco Chemical Europe GmbH



TRCC Europe GmbH

Technical Data Sheet

TMTD-powder

CHEMICAL DESCRIPTION: Tetramethylthiuram disulfide
CAS: 137-26-8
EINECS: 205-286-2

PRODUCT DESCRIPTION:

TMTD is used as a primary or secondary (ultra) accelerator in multiple blend accelerator systems with thiazoles and sulfenamides. It is also used as a vulcanizing agent (sulfur donor) in most of the sulfur cured elastomers.

TMTD offers fast vulcanization and gives an excellent vulcanization plateau with good heat aging and compression set resistance when used in sulfurless vulcanization systems and EV systems. TMTD is a valuable secondary accelerator (activator) in EPDM.

TMTD is non-staining and non-discoloring.

TMTD is regulated for use in articles in contact with food as specified under FDA 21 CFR 177.2600, 175.105 and under BgVV XXI, Categories 1-4 and "Sonderkategorie".

TYPICAL PROPERTIES:

Contents of TMTD:	min. 99%
Melting point (beginning):	min. 142 °C
Melting point (final)	150-159 °C
Loss on drying:	max. 0.3 %
Ash:	max. 0.3 %
Rest on sieve (150 µ):	max. 0,10 %

STORAGE AND HANDLING:

Store in single stacked pallets in a cool, dry, well ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material and/or exceeding 35°C can result in unusual compaction of product.

PACKAGING:

Packed in bags of 25 kg net weight, shrink wrapped on pallets of 1.000 kg net weight

SAFETY:

Please refer to Safety Data Sheet

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.
Tiarco Chemical / TRCC makes no claims or warranties concerning the suitability of the product for a particular use or purpose.
Possible patent rights, laws and regulations have to be observed on the recipients own responsibility.

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