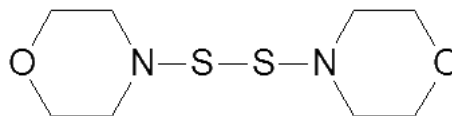


## DTDM (Sulfur donor & Vulcanizing Agent)

- DITHIODIMORPHOLINE
- $C_8H_{16}N_2S_2O_2$
- Molecular Weight: 236
- CAS: 103-34-4
- EINECS: 203-103-0
- REACH: 01-2119541817-32-0000



| PRODUCT | Purity | Melting point (°C) min* | Specific gravity* | Natural color | Appearance                | Oil (%) | Remarks   |
|---------|--------|-------------------------|-------------------|---------------|---------------------------|---------|---|
| DTDM C  | 96     | 123                     | 1.35              | Off white**   | Min dusting material      | 1-2     | Non-blooming, non-staining, non-discoloring<br>To be used with other accelerators |
| DTDM PD | 97.5   |                         |                   |               | Slightly dusting material | -       |   |

C: Coated/PD: Non coated powder

\*Typical values / \*\* Depending on natural variation of DTDM

### PROPERTIES

Scorch-safe sulfur donor and vulcanizing agent used as partial or total replacement for sulfur in NR, SBR, NBR IR, IIR and EPDM. It is generally used in combination with thiurams, thiazoles and sulfenamides. It provides good ageing resistance and low compression set. It is easy to disperse. Non-discoloring, non-staining and odorless. It does not bloom.

### APPLICATIONS

- Tires
- General rubber goods: heat resistant articles, belts, wire and cable, hoses etc.

### PACKAGING & STORAGE

Paper bag weight: 20 kg net  
Standard CP1 pallet: 500 kg net

Shelf-life: **1 year** 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.

*DTDM 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

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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.