

## **Curekind DTDM**

DESCRIPTION	$CH_2 = CH_2$ O $N = S = S = N$ $O$	Items	Specification	
			Crystal	Powder
		Appearance	White Crystal	White
	$CH_2 - CH_2$ / $CH_2 - CH_2$ /	Initial Melting Point, ℃min.	120.0	118.0
		Heat Loss,% max.	0.50	0.50
	4,4'-Dithio Dimorpholine	Ash,% (800°C 2hr) max.	0.30	0.30
		Density, g/cm <sup>3</sup>	1.35	1.35
	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> S <sub>2</sub> O <sub>2</sub> M.W. 236 CAS No.: 103-34-4 EINECS No: 203-103-0	Residue on 830µm,% max.	0	0
		Residue on 150µm,% max.	-	0.10
		Total Sulfur Content,% .	24.4-27.4	24.4-27.4

**Characteristics** Curekind<sup>®</sup>DTDM is White crystals or powder, Soluble in alcohol, benzene, insoluble in water and fatty hydrocarbon.

Application Curekind<sup>®</sup>DTDM as the rubber accelerator and vulcanized agent for natural rubber, synthetic rubber. It can release active sulfur under the curing temperature, effective sulfur content is about 27%. DTDM is regulated for use in articles as specified under FDA 21 CFR177.2600, 175.105 and under BgVV XXI, Category 4.

Safety and Toxic Refer to the MSDS

**Storage** Store in closed containers in a cool, dry, well-ventilated place. Avoid exposure under direct sunlight.

Package Co-extruded paper bag lined with PE plastics film bag. N.W.25kg/bag; N.W.500kg/pallet.

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.

**Curekind®DTDM** 

TECHNICAL DATA SHEET (TDS) version 1.4

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