

Sovchem[®] DTDM Powder

Manufacturer: Sovereign Chemical Company
 Classification: Sulfur Donor
 CA Nomenclature: Morpholine, 4,4'-dithiobis
 Chemical Synonyms: Morpholine disulfide

Specification Properties	Value	Test Method
Ash Content, %	0.3 maximum	GB11409.7-89
Assay, %	97.5 minimum	
Heat Loss, %	0.3 maximum	GB11409.4
Melting Point (Final), °C	124-128	GB11409.1
Melting Point (Initial), °C	120-130	GB11409.1
Sieve Residue on 160µ, %	0.1 maximum	GB11409.5-89
Sulfur Content, %	26-29	
4,4'-tetrathio-dimorpholine, %	1.5 maximum	Q/PWH012-2007
Typical Properties	Value	Test Method
Physical Form	White powder	Visual
Specific Gravity	1.36	Typical

> APPLICATIONS

Uses: Sulfur donor vulcanizing agent for efficient vulcanization and semi-efficient vulcanization cure system, provide heat/reversion/aging resistance in NR and synthetic rubbers, non-blooming.

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) bags.

Shelf Life: 1 year from date of manufacture if stored as indicated below.

Storage: Product should be stored in cool, dry place with good ventilation, avoiding exposure of the packaged product to direct sunlight.

Specification Date: August 27, 2015 (Supersedes May 13, 2013)