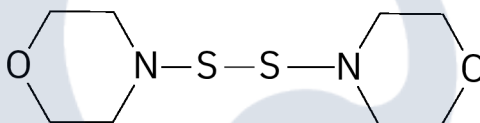




Technical Data Sheet

Markulzer® DTDM



Morpholine disulfide
[CAS No.: 103-34-4]

PROPERTIES:

Markulzer® DTDM is a sulphur donor: it can be used for complete or partial sulphur replacement (together with sulfenamides, thiazoles or thiurams). It leads to mono- and di-sulphur crosslinks. The replacement of sulphur with DTDM gives longer scorch times and faster cure rates.

These compounds will also exhibit superior green stock storage stability.

Markulzer® DTDM is used for NR, IR, BR, SBR, NBR, IIR and EPDM. It can be used alone with NR and SBR.

It contributes to improve resistance to reversion and heat ageing, and imparts good cured physical properties, particularly low compression set.

Markulzer® DTDM readily disperses in rubbers and is safe to process with. It evolves at normal curing temperatures to produce active sulphur, and has no tendency to scorch and bloom.

APPLICATIONS:

Products produced by high temperature extrusion and injection moulding, technical articles, belts, hoses, tyres, butyl tubes, cable and wire insulation, etc.

TYPICAL VALUES:

Melting point: 123°C min

Minimum purity: 97.5 %

Specific gravity: 1.35

REMARKS:

Non-blooming, excellent storage safety, non-staining, non-discolouring.

SAFETY & TOXICITY:

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

STORAGE:

Shelf-life: 1 year in its original packaging

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

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RAJSHILA®