



MBTS

Mercaptobenzothiazole disulfide (2,2'Dithiobis-benzothiazole)

MBTS is a general purpose accelerator for sulfur cures. It is very active above 142°C (287°F). Unlike thiuram disulfides, MBTS does not split off active sulfur during vulcanization. For use in natural and synthetic rubber processing. MBTS has a higher critical temperature than MBT, preventing early-cure and scorching. To conduct processing safely, it is recommended that MBTS be used in combination with basic accelerators such as TMTD.

Specifications:

Appearance	Cream to Light yellow		
Forms	Granular	Powder	Powder Oiled
*Melting Point, °C	165 min	165 min	165 min
*Drying Loss, %	0.5 max	0.5 max	0.5 max
*Ash content, %	0.5 max	0.5 max	0.5 max
*Content of Oil, %	NA	NA	1-2
*Residue on 100 mesh, %	NA	0.05 max	0.05 max
*Grain Strength, N	1.5 to 4.0	NA	NA
*Free MBT, %	1.0 max	1.0 max	1.0 max
*Assay, %	95.0 min	95.0 min	95.0 min
Specific Gravity, typical	1.55	1.55	1.55

* Actual data will be reported on Certificate of Analysis

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The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.