

TECHNICAL INFORMATION

WESTCO MBTS SFOP

Benzothiazole disulfide (2,2¹- Dithio-dibenzothiazole)

Westco MBTS is a general purpose accelerator for sulfur cures. It is very active above 142°C (287°F). Unlike thiuram disulfides, Westco MBTS does not split off active sulfur during vulcanization. For use in natural and synthetic rubber processing. Westco 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

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|---------------------------|--------------------|
| Appearance | Cream/Light yellow |
| Form | Powder, oiled |
| *Melting Point, °C | 165 min |
| *Moisture, % | .5 max |
| *Ash content, % | .3 max |
| *Content of Oil, % | 1-2 |
| Specific Gravity, typical | 1.55 |
| *Residue on 100 mesh, % | 0.1 max |
| *Residue on 230 mesh, % | 0.5 max |
| Grain Strength | NA |
| Free MBT, % | 2.0 max |
| Assay, % | 97.0 min |

* Actual data will be reported on Certificate of Analysis

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