

**WESTCO™ MBTS Accelerator**  
**Benzothiazole disulfide**  
**CAS# 120-78-5**

**Technical Data:**

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**

<b>Appearance</b>	<b>Cream/Light yellow</b>		
<b>Form</b>	<b>Granular</b>	<b>Powder</b>	<b>Oiled Powder</b>
<b>Melting Point, °C</b>	<b>*165 min</b>	<b>*165 min</b>	<b>*165 min</b>
<b>Moisture, %</b>	<b>*.5 max</b>	<b>*.5 max</b>	<b>*.5 max</b>
<b>Ash content, %</b>	<b>*.5 max</b>	<b>*.5 max</b>	<b>*.5 max</b>
<b>Content of Oil, %</b>	<b>NA</b>	<b>NA</b>	<b>*1-2</b>
<b>Specific Gravity, typical</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>
<b>Residue on 100 mesh, %</b>	<b>NA</b>	<b>*0.10 max</b>	<b>*0.10 max</b>
<b>Grain Strength</b>	<b>*1.5 to 4.0N</b>	<b>NA</b>	<b>NA</b>
<b>Free MBT, %</b>	<b>2.0 max</b>	<b>2.0 max</b>	<b>2.0 max</b>
<b>Assay, %</b>	<b>95.0 min</b>	<b>95.0 min</b>	<b>95.0 min</b>

**\* Actual data will be reported on Certificate of Analysis**

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The technical information and suggestions for use contained herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assumed.