

## WESTCO<sup>™</sup> TBBS Accelerator (N- tert-butyl-benzothiazole sulfonamide) CAS# 95-31-8

## **Technical Data:**

WESTCO<sup>TM</sup> TBBS is a delayed action accelerator for use in natural rubber and synthetic rubbers such as SBR, BR, NBR and EPDM. It has lower scorch than CBS and can be more safely processed. It has slightly faster scorch than OBTS. WESTCO<sup>TM</sup> TBBS has high modulus and excellent physical properties, suitable for tire treads and mechanical goods.

Solubility: Soluble in ethanol, acetone, benzene, ether, toluene and carbon tetrachloride, practically insoluble in water

## **Specifications**

Appearance Cream to light yellowish powder or granules

Form	Oiled Powder	<u>Powder</u>	<u>Granule</u>	<u>SFOP</u>
* Initial Melt Point, °C Min.	104	104	104	104
* Final Melt Point °C Min.	107-111	107-111	107-111	107-111
* Heat Loss,% Max. by Weight	0.40	0.40	0.40	0.40
* Ash, % Max. by weight	0.40	0.40	0.40	0.40
* Assay, % Min. by Mass	95	95	95	95
* Sieve Residue 100 mesh% M	ax. 0.10	0.10	NA	0.10
* Sieve Residue 230 mesh% N	lax NA	NA	NA	0.10
* Methanol insoluble, % Max.	0.5	0.5	0.5	0.5
Free Amine, % Max.	0.4	0.4	0.4	0.4
*Oil Content, %	1.0 - 2.0	NA	NA	1.0 - 2.0
Specific Gravity, Typical	1.28	1.28	1.28	1.28
* Grain strength	NA	NA	2-4	NA

<sup>\*</sup> Actual data will be reported on Certificate of Analysis Packaging: 25 Kg net Bags

**Revised 3/2016** 

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.