

# TECHNICAL INFORMATION

## WESTCO TBBS

N- tert-butyl-benzothiazole sulfenamide

### Specifications

#### Appearance

Cream to light yellowish powder or granules

	Powder	Granules	Oiled Powder
* Initial Melt Point	104 <sup>0</sup> C min	104° C min	104° min
* Final Melt Point	107° Cmin	107° C min	107° min
* Moisture:	0.50% max	0.50% max	0.50% max
* Ash	0.5% max	0.5% max	0.50% max
* Purity	97.0% min	97.0% min	97.0% min
* Methanol insolubles	0.5% max	0.5% max	0.5% max
*Residue (150 mesh)	0.1% max	NA	0.1% max
Free Amine	0.3% max	0.3% max	0.3% max
*Oil, %	NA	NA	1-2%
Specific Gravity, Typical	1.28	1.28	1.28
*Grain strength	NA	2-4	NA

\*Actual data will be reported on Certificate of Analysis

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

**Staining:** None

**Characteristics:** A delayed action accelerator for use in natural rubber and synthetic rubbers such as SBR, BR, NBR and EPDM. Lower scorch than CBS and can be more safely processed. But slightly faster scorch than OBTS. High modulus and excellent physical properties, suitable for tire treads and mechanical goods.

**Application:** Tires, Industrial goods

Rev. 9/07 R