



# R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

30 WINFIELD STREET, P.O. BOX 5150. NORWALK, CONNECTICUT 06856-5150 • (203) 853-1400  
Fax (203) 853-1452 • Internet Address: www.rtvanderbilt.com

# Specification

## VANOX® ZMTI

January 28, 2005

RTV Product Code: **53499**  
Composition: Zinc 2-mercaptotolumidazole  
Physical State: White to light tan powder

	<u>Specification</u>	<u>Test Method</u>
*Fineness, through 200 mesh	99.9% minimum	T-14D
*Heat Loss 2 hrs. @ 60-65°C	2.0% maximum	T-1A
*Zinc Content	17.2-19.3%	T-365, AA-103

### GENERAL INFORMATION

Typical values not routinely measured or reported on the Certificate of Analysis.

Anti-Dusting Agent Content	3-5%
Density at 25°C	1.54 Mg/m <sup>3</sup>
Melting Point, Initial	300°C minimum
Solubility - Soluble in ethanol and methanol. Practically insoluble in other organic solvents and water.	

\*Certified Property

*Uses - A nondiscoloring, nonstaining antioxidant for NR and SR. Particularly effective in EPDM and Nitrile stock. Suggested as a synergist with AGERITE® STALITE® S, AGERITE RESIN D®, and AGERITE SUPERFLEX® SOLID G for aging at normal or elevated temperatures. Offers excellent flex resistance in NR, SBR, NBR, and CR when combined with AGERITE SUPERFLEX and AGERITE STALITE.*

Standard Container - 50 pound bag, 100 pound fiber drum

VANOX® is a registered trademark of R.T. Vanderbilt Company, Inc.