



R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

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Specification

VANLUBE® 81 Antioxidant

February 26, 2009

RTV Product Code: 53300

Composition: p, p'-dioctyldiphenylamine

Physical State: Off-white powder

	<u>Specification</u>	<u>Test Method</u>
*Ash Content	100 ppm maximum	T-4
*Fineness, retained on 16 mesh	0.2% maximum	T-14C
*Heat Loss, 2 hrs at 105°C	0.25% maximum	T-1A
*Melting Point, Initial	95-100°C	T-3D
*Nitrogen Content	3.1-3.7%	EA-1
*Transmission at 440nm	80% minimum	T-667

GENERAL INFORMATION

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

Density at 25°C 1.01 Mg/m³

Solubility - Soluble in silicones, silanes, siloxanes, diesters, petroleum oils. Insoluble in water.

*Certified Property

Uses - Ashless high temperature antioxidant

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