Vanderbilt Chemicals, LLC
A Wholly Owned Subsidiary of R.T. Vanderbilt Holding Company, Inc.
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Specification

VANLUBE® 81

Antioxidant

April 29, 2022

Product Code: **53305**
Composition: p, p'-Dioctyldiphenylamine
Physical State: Off-white powder

	SPECIFICATION	TEST METHOD
*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°C minimum	T-3D
*Nitrogen Content	3.1 – 3.7%	EA-1
*Transmission at 440nm	80% minimum	UV/Vis-50

GENERAL INFORMATION

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

Density at 25°C	1.01 Mg/m^3

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

Re-inspection interval: 2 years

*Certified Property

Uses – Ashless high temperature antioxidant