



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

MOLYVAN® A **Friction Reducer/Antiwear Compound**

June 14, 2004

RTV Product Code: **29007**
Composition: Molybdenum di-n-butyldithiocarbamate
Physical State: Yellow powder

	<u>Specification</u>	<u>Test Method</u>
*Fineness, through 100 mesh	99.9% minimum	T-14
*Molybdenum Content	27.0-29.0%	AA-3
*Sulfur Content	23.5-25.5%	EA-2

GENERAL INFORMATION

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

Density at 25°C	1.59 Mg/m ³
Melting Point, Initial	258°C
Moisture Content, 2 hrs at 80-85°C	0.2%

Solubility - Insoluble in water and petroleum oils. Very slightly soluble in diesters and phosphate esters.

*Certified Property

Uses - Anti-wear and high temperature antioxidant in petroleum and synthetic based greases.

Molyvan® is a registered trademark of R. T. Vanderbilt Co., Inc.