



PPG LO-VEL® 8100 Flatting Agent – Wax-Treated

COATINGS

PPG LO-VEL® 8100 flatting agent is high-efficiency flatting agent that is ideal for use in a variety of coating systems. *Lo-Vel* 8100 flatting agent is a synthetic amorphous silicon dioxide, wax-treated silica designed for use where a Hegman value of 6 to 6.75 is required. A combination of high flatting efficiency, resistance-to-settling and heat-age stability provides formulation flexibility and expanded process capability.

Benefits

- High flatting efficiency at a Hegman range of 6 to 6.75
- Strong resistance-to-settling
- Excellent heat-age stability
- Designed for use in solvent, water-based, clear and pigmented coatings
- Provides easy dispersion, leveling and smooth finish
- Resistant to over-grind
- Excellent color stability and color match
- Designed for use in one-step and flatting concentrate processes



Applications

- Wood Coatings
- Appliance Finishes
- Aircraft Coatings
- Metal Furniture Finishes
- Vinyl Fabric Lacquers
- Soft Feel Coatings
- Coil Coatings
- Packaging Coatings



Lo-Vel 8100 Silica – Typical Properties

Median Particle Size (laser light diffraction), μm	8
N_2 -BET Surface Area, m^2/g	175
DOA-Oil Absorption Number, $\text{mL}/100\text{g}$	215
Hegman Value	6.5
Fineness of Grind, μm	20
Moisture Content, %	≤ 5.0
pH	6.7

Samples

Samples are available per request from customer service.

Packaging

Standard packaging in small bags are unitized for shipping on pallets and stretch wrapped with clear plastic film. Please consult with customer service or your sales representative regarding additional packaging options including custom package sizes.

Storage

To ensure product integrity, we recommend that our silica products be stored under dry, clean conditions, protected against exposure to direct sunlight and other substances, and used within 12 months of the date of manufacture. PPG silica products that are stored for more than one year from the date of manufacture should be tested for moisture content.

Safety and Health Effects

We recommend that, before use, anyone using or handling this product thoroughly read and understand the information and precautions on the label, as well as in other product safety publications such as the Safety Data Sheet. Any health hazard and safety information contained herein should be passed on to your customers or employees, as the case may be. The products mentioned herein can be hazardous if not used properly. Like all potentially hazardous materials, this product must be kept out of the reach of children.

Product Safety and Regulatory Information

For the latest product safety and regulatory information, please reference the Safety Data Sheets at www.ppgsilica.com.



USA
PPG Silica Products
440 College Park Drive
Monroeville, PA 15146 USA

Customer Service: 1-800-243-6745
Technical Service: 1-800-764-7369
E-mail: silicacustserv@ppg.com

EUROPE
PPG Delfzijl Plant
P.O. Box 181
9930 AD Delfzijl, The Netherlands

Customer Service: +31-596-676710
Technical Service: +31-596-676710
E-mail: csdelfzijl@ppg.com

