



LO-VEL[®] 8300

Flatting Agent – Wax-Treated

COATINGS

PPG's LO-VEL[®] 8300 flatting agent is a synthetic amorphous precipitated silica treated with a functionalized wax. This product is designed for use in waterborne and solvent-borne coatings.

Lo-Vel 8300 silica is suitable for coatings with dry film thickness down to less than 1 mil (< 20 microns).

Benefits

- Provides high flatting efficiency
- Recommended for use in non-pigmented and pigmented coatings formulations
- Maintains high transparency of solvent and waterborne finishes (e.g. wood coatings)
- Easy incorporation with minimum impact on viscosity build-up
- Post-addition enabling adjustment to desired gloss levels



Applications

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



Lo-Vel 8300 Silica – Typical Properties	
Median Particle Size (laser light diffraction), μm	6.5
N ₂ -BET Surface Area, m ² /g	180
DOA-Oil Absorption Number, mL/100g	230
Hegman Value	6.5
Fineness of Grind, μm	20
Moisture Content, %	≤ 5
pH	6
Water Soluble Salt (as Na ₂ SO ₄), wt %	≤ 0.5

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Samples

Samples are available per request from customer service.

Packaging

Standard packaging includes small bags and Flexible Intermediate Bulk Containers (FIBCs). Bags are unitized for shipping on pallets which are stretch wrapped with clear plastic film. FIBCs are single or double stacked on wood pallets. Please consult with customer service or your sales representative regarding additional packaging options including custom package sizes and bulk shipments.

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 twelve months of the date of manufacture.

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.



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