



PPG Lo-Vel™ 8300

Flattening Agent, Wax-Treated

PPG LO-VEL™ 8300 flattening 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 flattening 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



Lo-Vel 8300 – Typical Properties		
Property	Unit	Value
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
Grind Value	Hegman	6.5
	Fineness	µm
Moisture Content	%	≤ 5
pH		6
Water Soluble Salt (as Na ₂ SO ₄)	%	≤ 0.5

Applications

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



Safety and Health Effects

PPG Industries recommends 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 safety and regulatory information, please reference the product Safety Data Sheet and Global Product Safety and Regulatory Information Sheet available at www.ppgsilica.com/SDS.

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