

FOOD

FLO-GARD™ 915 silica is a synthetic silicon dioxide specifically designed for optimizing free-flow properties in fine to ultra-fine particle-size food ingredients.

Properties and Characteristics

Flo-Gard 915 silica is a finely milled precipitated silica with a typical median particle size of 10 microns by Laser Diffraction. Flo-Gard 915 silica is a highly absorptive white powder that is odorless and tasteless. It has a BET-5 point surface area of 195 m²/g, is amorphous in structure, and has a neutral pH. Flo-Gard 915 silica blends easily and can be metered directly into the process stream, mixer, or spray dryer discharge stream.

Flo-Gard 915 – Typical Properties	
Particle Size, µm	10
DOA Oil Absorption Number, mL/100g	265
рН	6.9
Moisture (as packaged), Wt.%	5.0
Residual salt (as Na ₂ SO ₄), Wt.%	.5 maximum



Applications

Salt and seasoning powders
Powdered drink mix
Powdered instant coffee
Food flavoring
Gravy mixes
Dairy and non-dairy creamers



Samples

Samples are available upon request from Customer Service.

Storage

To ensure product integrity, PPG recommends that our silica products be stored under dry, clean conditions and protected against exposure to other substances. Since silica may pick up moisture, we also recommend that products that are stored for more than one year from the date of manufacture be re-tested for moisture content. There is no shelf life limit when stretchwrapped palletized units or bags are kept under the above stated conditions. Pallets should not be double-stacked.

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.

Cost Effectiveness

Flo-Gard 915 silica is a versatile cost-effective alternative to other flow conditioners because it provides equivalent anti-caking efficiency at lower loadings compared to many competitive alternatives such a sodium aluminosilicate. Flo-Gard 915 silica is effective across a wide variety of applications, allowing flow conditioner inventories to be reduced.

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.

Packaging

Standard packaging as follows:

Multi-wall paper

25 lb (11.3 kg) net weight

Bags are unitized for shipping on pallets which are stretch wrapped with clear plastic film. Please consult with PPG Silica Products Customer Service or your sales representative regarding additional packaging options, including custom package sizes and bulk shipments.

Visit www.ppgsilica.com for more information.



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