Rubber
- Tires
- Industrial Rubber
- Silicone Rubber
- Footwear

Carrier and Free-Flow
- Food
- Feed
- Agricultural and Industrial
- Catalyst

Coatings, Adhesives and Sealants
- Coatings, Paints and Inks
- Adhesives and Sealants

Microporous
- Battery Separators
- Synthetic Paper

Silica Carriers for Agricultural and Industrial Chemical Applications

A trusted name among global agricultural and industrial chemical manufacturers, PPG HI-SIL® silica carriers enable consistent and high loading of active ingredients and chemicals in pesticides, herbicides, insecticides, fungicides and other agricultural products, and fulfill the same function for chemicals and resins in industrial chemical applications such as rubber, plastics and coatings.

Our *Hi-Sil* silicas provide high absorptivity and chemical compatibility for many active ingredients and liquid chemicals. As a result, they can be used to easily and efficiently convert liquids and other viscous materials into dry, storage-stable, free-flowing powders, which dramatically enhances the ability of manufacturers to efficiently store, move, weigh, dose, blend, and otherwise process additives while reducing scrap and creating a cleaner work environment.

In addition to serving as carriers for liquids and anti-caking agents for powders, our *Hi-Sil* silica products perform well as grinding and suspension aids for wettable powders, water-dispersible granules and flowables.

Available in a wide range of particle sizes, absorbency, and bulk density, *Hi-Sil* silica carriers provide formulators with multiple options to meet desired properties and performance.

***Hi-Sil* Silica Carriers for Agricultural and Industrial Chemical Applications**

Product	Particle Size* (µm)	DBP Oil Absorption (mL/100g)	pH	Residual Salt Type	Bulk Density (lb/ft3)
Hi-Sil 213	600	225	7.0	NaCl	16
Hi-Sil LPC	135	245	6.9	Na_2SO_4	12
Hi-Sil SAC	40	295	6.9	Na_2SO_4	9
Hi-Sil ABS	40	305	6.9	Na_2SO_4	8
Hi-Sil 233	18	190	6.9	NaCl	9

*Median particle size by laser diffraction