



Technical Data Sheet

Coatings

SYLYSIA treated grades are a highly efficient matting agent producing uniform films while reducing gloss. The 400 treated series, characterized by high oil absorption and low bulk density, has been widely employed as a matting agent for all types of resin paints and water-base paints. The matting characteristics are controlled directly by the amount of SYLYSIA introduced where settling is of least importance.

Inks

SYLYSIA treated grades are widely employed in the Ink Industry for matting control, mar resistance, and anti-blocking capabilities due to their low bulk density and porosity.

Adhesion & Thickening

SYLYSIA is used in thickening adhesive applications of resin, rubber, sealing components and many others, acting to increase adhesion strength and durability, as well as stabilizing viscosity for longer shelf life. The 400 treated series SYLYSIA is effective in preventing stickiness and separation and stability regardless of environmental changes.

SYLYSIA® 436F

SYLYSIA® (SY) is synthetically produced, amorphous and micronized silica gel characterized by high porosity and chemical purity. Fuji Silysia Chemical's SY436F is produced at our Greenville, NC facility. There is an organic surface treatment applied to help avoid sedimentation and mar resistance to all treated grades. Fuji Silysia is dedicated to producing the highest quality micronized silica through advanced milling technologies and continuous product refinement.

Typical Physical Properties	SY436F
Whiteness (%)	98 min
pH (at 5% slurry)	7.5
Total Volatile (%)	13.5
Loose Bulk Density (mL/5g)	45
Average Particle Size (µm)*	4.1
Surface Treatment	Organic

*SALD 2300 Shimadzu Laser Method

Packaging Information:

15kg (33lb) Kraft bag with poly liner
24 bags/pallet (360kg/794lb)

Appearance:

White, dry powder

Safety:

Amorphous, non-crystalline silica with organic surface treatment.
See SDS for additional information.

Manufacturing location:

Fuji Silysia Chemical USA LTD
1215 Sugg Parkway
Greenville, NC 27834
(252) 413-0003

Sales Office:

Fuji Silysia Chemical LTD
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