



Technical Data Sheet

Coatings

SYLYSIA treated grades are a highly efficient matting agent producing uniform films while reducing gloss. The 300 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.

UV Curing

Fuji's SY376UV is designed for UV-cure coatings, proven to lower gloss and viscosity and offers the same high transparency as our other treated grades.

SYLYSIA® 376UV

SYLYSIA® (SY) is synthetically produced, amorphous and micronized silica gel characterized by high porosity and chemical purity. Fuji Silysia Chemical's SY376UV 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	SY376UV
Whiteness (%)	96 min
pH (at 5% slurry)	7.5
Total Volatile (%)	20
Loose Bulk Density (mL/5g)	50
Average Particle Size (µm)*	6.4
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
1014 High House Road, Suite 200
Cary, NC 27513
(919) 650-1155

www.fujisilysia.com

info@fujisilysia.com

The information contained herein is believed to be accurate and reliable, but FUJI SILYSIA MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY. The information herein relates only to the specific product described and not to such product in combination with any other product. Proving information as herein contained is not to be regarded by implying or otherwise conveying any rights or permission for use which would violate any patent rights, proprietary rights or violate any law, safety code, or insurance regulation.