

YOUNG'S CORPORATION

242-8 YANGJAE-DONG, SEOCHO-GU, SEOUL, 137-132, KOREA TEL: 82-2-555-1040 FAX: 82-2-2057-0399

E-mail: export@youngscorp.com Website: www.youngscorp.com

SS-SIL

Description

SS-SIL is an amorphous silica with special organic treatment(or untreatment), appearing as white free flowing powder

Application

Matting agent for Lacquer, polyurethane, epoxy, alkyd, metallic paint and inks.

Anti-Blocking Agent for various film such as PE, PP, PET, Nylon, and etc.

Processing Agent for Paper Industry

Advantages

High matting efficiency for coating Excellent anti blocking agent for film Good particle distribution

Counter List 1

Grade	230	240	250	270	290	250N	335	355	375	345W
Grace	C503	ED2	ED3		ED5	ED30	C803	C805	C807	
Ineos	23D		HP250			HP840,			LIDOGO	
						HP860			HP260	
Fujisilysia	340	350		370		256N		250	270	256
OCI	386	388	389	381	382	388W		391A	391A	388W
	386D	242	369F			389W		399AC	370	399W

Counter List 2

o o a i i co i										
Grade	355W	450	415	450N	52	54	110	120	530	560
Grace		SY378	SY622	AY378	S200	S400	S400	S500		
Ineos					AB720					
Fujisilysia		431			530	540	730			
Misusawa									P801	
Rhodia									34M	34K
OCI	388W	369		369W	644	648		728		
	389W									

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(D) escription	Micronized Silica (Gel Type)							
Chemical composition	SiO ₂							
C AS No.	112926-00-8							
A ppearance	White							
<b>A</b> pplication	Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper,Printing ink, PVC compounds, Powder substance etc.							
S pecification	<ol> <li>Particle Size (μm)</li> <li>Moisture (%)</li> <li>Oil Abs. (ml/100g)</li> <li>pH</li> <li>Surface Area (m²/</li> <li>Pore Volume (ml/g)</li> <li>Whiteness</li> </ol>	5.0 ↓ 300±20 7.5±0.5 (g) 300±40	20 Min at 180 ℃ 5% in Water BET BET					
P acking	10kg Net Iner Cover	Paper Bag						
	Outer Cove	r PE Bag						
aterial Saftety Data Sheet	MSDS is available							

(D) escription Micronized Silica (Gel Type) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $5.0 \pm 0.5$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ↓ 3. Oil Abs. (ml/100g) 300±20 4. pH 7.5±0.5 5% in Water **BET** 5. Surface Area (m²/g)  $300 \pm 40$ 6. Pore Volume (ml/g) **BET** 1.6±0.3 7. Whiteness 98↑ P acking 10kg Net Iner Cover Three Layer Soft Paper Bag **Outer Cover PE Bag** aterial Saftety

MSDS is available

**Data Sheet** 

aterial Saftety

**Data Sheet** 

MSDS is available

(D) escription Micronized Silica (Gel Type) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $7.0 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 290±20 4. pH 7.5±0.5 5% in Water **BET** 5. Surface Area (m²/g)  $300 \pm 40$ 6. Pore Volume (ml/g) **BET** 1.6±0.3 7. Whiteness 98↑ P acking 10kg Net Iner Cover Three Layer Soft Paper Bag **Outer Cover PE Bag** 

(D) escription Micronized Silica (Gel Type) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $9.0 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ↓ 3. Oil Abs. (ml/100g) 290±20

P acking

10kg Net Iner Cover Three Layer Soft Paper Bag

7.5±0.5

 $300 \pm 40$ 

1.6±0.3

98↑

5% in Water

**BET** 

**BET** 

**Outer Cover PE Bag** 

aterial Saftety
Data Sheet

MSDS is available

5. Surface Area (m²/g)

6. Pore Volume (ml/g)

7. Whiteness

4. pH

Chemical SiO₂

C AS No. 112926-00-8

ppearance White

Matting agent, Anti-blocking agent, Anti-cake agent,
Protein absorbent, Refining agent, Moisture Scavengers,
Catalyst carrier, Tableting aids, Cosmetics,
Diazo paper Printing ink, PVC compounds, Powder substance etc.

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

**BET** 

pecification 1. Particle Size ( $\mu$ m) 5.0  $\pm$ 0.2 2. Moisture (%) 5.0  $\downarrow$  20 Min at 180  $^{\circ}$ C 3. Oil Abs. (ml/100g) 300 $\pm$ 20

4. pH 3.5±0.5 5% in Water 5. Surface Area (m²/g) 300±40 BET

6. Pore Volume (ml/g)  $2.0\pm0.3$ 7. Whiteness  $98\uparrow$ 

Packing 10kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety

Data Sheet

MSDS is available

(D) escription Micronized Silica (Gel Type)

hemical SiO₂ composition

C AS No. 112926-00-8

White

pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers,

Catalyst carrier, Tableting aids, Cosmetics,

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

1. Particle Size (μm)  $7.0 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 290±20

4. pH  $3.5 \pm 0.5$ 5% in Water

**BET** 5. Surface Area (m²/g)  $300 \pm 40$ 6. Pore Volume (ml/g) **BET**  $2.0 \pm 0.3$ 

7. Whiteness 98↑

10kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety MSDS is available

**Data Sheet** 

P acking

#### SS-SIL 250W

**D** escription Micronized Silica (Gel Type and wax coating) hemical SiO₂ composition C AS No. 112926-00-8

White

P acking

pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc.

1. Particle Size (μm)  $5.5 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 300±20 4. pH 7.5±0.5 5% in Water **BET** 5. Surface Area (m²/g)  $300 \pm 40$ 

6. Pore Volume (ml/g) **BET** 1.2±0.3 7. Whiteness 98↑

20kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety MSDS is available **Data Sheet** 

#### SS-SIL 345W

(D) escription Micronized Silica (Gel Type and wax coating) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $5.0 \pm 0.2$ pecification

20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 290±20 4. pH 5% in Water  $3.5 \pm 0.5$ **BET** 5. Surface Area (m²/g) 310±40 6. Pore Volume (ml/g) **BET**  $2.0 \pm 0.3$ 7. Whiteness 97↑

15kg Net Iner Cover Three Layer Soft Paper Bag
Outer Cover PE Bag

aterial Saftety
Data Sheet

MSDS is available

P acking

#### SS-SIL 355W

(D) escription Micronized Silica (Gel Type and wax coating)

hemical SiO₂ composition

C AS No. 112926-00-8

White

pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics,

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

1. Particle Size (μm)  $6.0 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 290±20

> 4. pH 5% in Water  $3.5 \pm 0.5$ **BET** 5. Surface Area (m²/g) 310±40 6. Pore Volume (ml/g) **BET**  $2.0 \pm 0.3$

7. Whiteness 97↑

15kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety MSDS is available

**Data Sheet** 

P acking

#### SS-SIL 375W

Micronized Silica (Gel Type and wax coating)

Chemical SiO₂

C AS No. 112926-00-8

A ppearance White

P acking

Matting agent, Anti-blocking agent, Anti-cake agent,
Protein absorbent, Refining agent, Moisture Scavengers,
Catalyst carrier, Tableting aids, Cosmetics,

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

Pecification 1. Particle Size (μm) 7.0  $\pm$ 0.2 2. Moisture (%) 5.0  $\downarrow$  20 Min at 180 °C 3. Oil Abs. (ml/100g) 300 $\pm$ 20 4. pH 3.5 $\pm$ 0.5 5% in Water

4. pH  $3.5\pm0.5$  5% in 5. Surface Area (m²/g)  $310\pm40$  BET 6. Pore Volume (ml/g)  $2.0\pm0.3$  BET

7. Whiteness 97↑

15kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety

MSDS is available

### SS-SIL 560W

(D) escription Micronized Silica (Precipitated Type and wax coating)

hemical SiO₂ composition

C AS No. 112926-00-8

White

P acking

pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics,

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

1. Particle Size (μm)  $6.5 \pm 1.0$ pecification 20 Min at 180 ℃ 2. Moisture (%) 8.0 3. Oil Abs. (ml/100g) 250±40

> 4. pH 7.0±1.0 5% in Water BET 5. Surface Area (m²/g) 250±40

6. Pore Volume (ml/g)

7. Whiteness 96↑

10kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety MSDS is available **Data Sheet** 

### SS-SIL 250N

**Data Sheet** 

**D** escription Micronized Silica (Gel Type and wax coating) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $5.5 \pm 0.5$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 ⊥ 3. Oil Abs. (ml/100g) 290±30 4. pH  $7.0 \pm 0.5$ 5% in Water **BET** 5. Surface Area (m²/g)  $300 \pm 40$ 6. Pore Volume (ml/g) **BET** 1.6±0.3 7. Whiteness 95↑ P acking 15kg Net Iner Cover Three Layer Soft Paper Bag **Outer Cover PE Bag** aterial Saftety MSDS is available

(D) escription Micronized Silica (Precipitated Type) hemical SiO₂ composition C AS No. 112926-00-8 White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $3.5 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 L 3. Oil Abs. (ml/100g) 330±20 4. pH  $7.0 \pm 0.5$ 5% in Water BET 5. Surface Area (m²/g) 230±40 6. Pore Volume (ml/g) 7. Whiteness 98↑ P acking 8kg Net Iner Cover Three Layer Soft Paper Bag **Outer Cover PE Bag** aterial Saftety

MSDS is available

**Data Sheet** 

aterial Saftety

**Data Sheet** 

(D) escription Micronized Silica (Precipitated Type) hemical SiO₂ composition C AS No. 112926-00-8 ppearance White pplication Matting agent, Anti-blocking agent, Anti-cake agent, Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $6.0 \pm 0.2$ pecification 20 Min at 180 ℃ 2. Moisture (%) 5.0 L 3. Oil Abs. (ml/100g) 330±20 4. pH  $7.0 \pm 0.5$ 5% in Water BET 5. Surface Area (m²/g) 230±40 6. Pore Volume (ml/g) 7. Whiteness 98↑ P acking 10kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

(D) escription

Micronized Silica (Gel Type)

C hemical composition

SiO₂

C AS No.

112926-00-8

**A** ppearance

White

**A** pplication

Matting agent, Anti-blocking agent, Anti-cake agent,
Protein absorbent, Refining agent, Moisture Scavengers,
Catalyst carrier, Tableting aids, Cosmetics,
Diazo paper, Printing ink, PVC compounds, Powder substance etc.

S pecification

1. Particle Size (μm)  $2.8 \pm 0.3$ 5.0 ↓ 20 Min at 180 ℃ 2. Moisture (%) 160±20 3. Oil Abs. (ml/100g) 5% in Water 4. pH  $7.0 \pm 0.5$ 5. Surface Area (m²/g) 550±40 **BET** 6. Pore Volume (ml/g)  $0.8 \pm 0.3$ **BET** 7. Whiteness 98↑

P acking

20kg Net Iner Cover Three Layer Soft Paper Bag
Outer Cover PE Bag

aterial Saftety
Data Sheet

(D) escription

Micronized Silica (Gel Type)

C hemical composition

SiO₂

C AS No.

112926-00-8

**A** ppearance

White

**A** pplication

Matting agent, Anti-blocking agent, Anti-cake agent,
Protein absorbent, Refining agent, Moisture Scavengers,
Catalyst carrier, Tableting aids, Cosmetics,
Diazo paper,Printing ink, PVC compounds, Powder substance etc.

S pecification

1. Particle Size (μm)  $4.0 \pm 0.2$ 5.0 ↓ 20 Min at 180 ℃ 2. Moisture (%) 160±20 3. Oil Abs. (ml/100g) 5% in Water 4. pH  $7.0 \pm 0.5$ 5. Surface Area (m²/g) 550±40 **BET** 6. Pore Volume (ml/g)  $0.8 \pm 0.3$ **BET** 7. Whiteness 98↑

P acking

20kg Net Iner Cover Three Layer Soft Paper Bag
Outer Cover PE Bag

aterial Saftety
Data Sheet

### SS-SIL 500F

Micronized Silica (Gel Type)

Chemical SiO₂

C AS No. 112926-00-8

A ppearance White

pecification

P acking

pplication

Matting agent, Anti-blocking agent, Anti-cake agent,
Protein absorbent, Refining agent, Moisture Scavengers,
Catalyst carrier, Tableting aids, Cosmetics,
Diazo paper Printing ink, BVC compounds, Powder substance of

Diazo paper, Printing ink, PVC compounds, Powder substance etc.

 1. Particle Size ( $\mu$ m)
 4.0  $\pm$ 0.2

 2. Moisture (%)
 5.0  $\downarrow$  20 Min at 180  $^{\circ}$  

 3. Oil Abs. (ml/100g)
 160  $\pm$ 20

 4. pH
 7.0  $\pm$ 0.5
 5% in Water

5. Surface Area (m²/g) 550 $\pm$ 40 BET 6. Pore Volume (ml/g) 0.8 $\pm$ 0.3 BET

7. Whiteness 98↑

20kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag** 

aterial Saftety
Data Sheet

MSDS is available

aterial Saftety

**Data Sheet** 

**D** escription Micronized Silica (Gel Type) hemical SiO₂ composition C AS No. 112926-00-8 ppearance White Matting agent, Anti-blocking agent, Anti-cake agent, pplication Protein absorbent, Refining agent, Moisture Scavengers, Catalyst carrier, Tableting aids, Cosmetics, Diazo paper, Printing ink, PVC compounds, Powder substance etc. 1. Particle Size (μm)  $3.5 \pm 0.2$ pecification 5.0 ↓ 20 Min at 180 ℃ 2. Moisture (%) 3. Oil Abs. (ml/100g) 90±20 5% in Water 4. pH  $6.0 \pm 0.5$ 5. Surface Area (m²/g) 700±50 **BET** 6. Pore Volume (ml/g)  $0.4 \pm 0.3$ **BET** 7. Whiteness 95↑ P acking

20kg Net Iner Cover Three Layer Soft Paper Bag

**Outer Cover PE Bag**