



# YOUNG'S CORPORATION

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## 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, HP860			HP260	
Fujisilysia	340	350		370		256N		250	270	256
OCI	386 386D	388 242	389 369F	381	382	388W 389W		391A 399AC	391A 370	388W 399W

### Counter List 2

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 389W	369		369W	644	648		728		

# SS-SIL 230

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	3.4±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	300±20	
4. pH	7.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.6±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 250

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	5.0 ±0.5	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	300±20	
4. pH	7.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.6±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 270

**D**escription

Micronized Silica (Gel Type)

**C**hemical  
composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	7.0 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	290±20	
4. pH	7.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.6±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety  
Data Sheet

MSDS is available

# SS-SIL 290

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	9.0 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	290±20	
4. pH	7.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.6±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 355

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	5.0 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	300±20	
4. pH	3.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	2.0±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 375

**D**escription

Micronized Silica (Gel Type)

**C**hemical  
composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	7.0 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	290±20	
4. pH	3.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	2.0±0.3	BET
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety  
Data Sheet

MSDS is available

# SS-SIL 250W

**D**escription

Micronized Silica (Gel Type and wax coating)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	5.5 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	300±20	
4. pH	7.5±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.2±0.3	BET
7. Whiteness	98↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available



# SS-SIL 345W

<b>D</b> escription	Micronized Silica (Gel Type and wax coating)		
<b>C</b> hemical composition	SiO <sub>2</sub>		
<b>C</b> AS No.	112926-00-8		
<b>A</b> pppearance	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.		
<b>S</b> pecification	1. Particle Size (μm)	5.0 ±0.2	
	2. Moisture (%)	5.0 ↓	20 Min at 180 °C
	3. Oil Abs. (ml/100g)	290±20	
	4. pH	3.5±0.5	5% in Water
	5. Surface Area (m <sup>2</sup> /g)	310±40	BET
	6. Pore Volume (ml/g)	2.0±0.3	BET
	7. Whiteness	97↑	
<b>P</b> ackaging	15kg Net Inner Cover Three Layer Soft Paper Bag Outer Cover PE Bag		
<b>M</b> aterial Safety Data Sheet	MSDS is available		

# SS-SIL 355W

<b>D</b> escription	Micronized Silica (Gel Type and wax coating)		
<b>C</b> hemical composition	SiO <sub>2</sub>		
<b>C</b> AS No.	112926-00-8		
<b>A</b> pppearance	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.		
<b>S</b> pecification	1. Particle Size (µm)	6.0 ±0.2	
	2. Moisture (%)	5.0 ↓	20 Min at 180 °C
	3. Oil Abs. (ml/100g)	290±20	
	4. pH	3.5±0.5	5% in Water
	5. Surface Area (m <sup>2</sup> /g)	310±40	BET
	6. Pore Volume (ml/g)	2.0±0.3	BET
	7. Whiteness	97↑	
<b>P</b> ackaging	15kg Net Inner Cover Three Layer Soft Paper Bag Outer Cover PE Bag		
<b>M</b> aterial Safety Data Sheet	MSDS is available		

# SS-SIL 375W

<b>D</b> escription	Micronized Silica (Gel Type and wax coating)		
<b>C</b> hemical composition	SiO <sub>2</sub>		
<b>C</b> AS No.	112926-00-8		
<b>A</b> pppearance	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.		
<b>S</b> pecification	1. Particle Size (µm)	7.0 ±0.2	
	2. Moisture (%)	5.0 ↓	20 Min at 180 °C
	3. Oil Abs. (ml/100g)	300±20	
	4. pH	3.5±0.5	5% in Water
	5. Surface Area (m <sup>2</sup> /g)	310±40	BET
	6. Pore Volume (ml/g)	2.0±0.3	BET
	7. Whiteness	97↑	
<b>P</b> ackaging	15kg Net Inner Cover Three Layer Soft Paper Bag Outer Cover PE Bag		
<b>M</b> aterial Safety Data Sheet	MSDS is available		

# SS-SIL 560W

**D**escription

Micronized Silica (Precipitated Type and wax coating)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	6.5 ±1.0	
2. Moisture (%)	8.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	250±40	
4. pH	7.0±1.0	5% in Water
5. Surface Area (m <sup>2</sup> /g)	250±40	BET
6. Pore Volume (ml/g)	-	
7. Whiteness	96↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 250N

**D**escription

Micronized Silica (Gel Type and wax coating)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	5.5 ±0.5	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	290±30	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	300±40	BET
6. Pore Volume (ml/g)	1.6±0.3	BET
7. Whiteness	95↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 530

**D**escription

Micronized Silica (Precipitated Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	3.5 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	330±20	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	230±40	BET
6. Pore Volume (ml/g)	-	
7. Whiteness	98↑	

**P**ackaging

8kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety Data Sheet

MSDS is available

**SS-SIL**

**560**

**D**escription

Micronized Silica (Precipitated Type)

**C**hemical  
composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	6.0 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	330±20	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	230±40	BET
6. Pore Volume (ml/g)	-	
7. Whiteness	98↑	

**P**ackaging

10kg Net Inner Cover Three Layer Soft Paper Bag  
Outer Cover PE Bag

**M**aterial Safety  
Data Sheet

MSDS is available

# SS-SIL 52

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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 ±0.3	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	160±20	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	550±40	BET
6. Pore Volume (ml/g)	0.8±0.3	BET
7. Whiteness	98↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available



# SS-SIL 54

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	160±20	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	550±40	BET
6. Pore Volume (ml/g)	0.8±0.3	BET
7. Whiteness	98↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 500F

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	160±20	
4. pH	7.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	550±40	BET
6. Pore Volume (ml/g)	0.8±0.3	BET
7. Whiteness	98↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available

# SS-SIL 110

**D**escription

Micronized Silica (Gel Type)

**C**hemical composition

SiO<sub>2</sub>

**C**AS No.

112926-00-8

**A**pppearance

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)	3.5 ±0.2	
2. Moisture (%)	5.0 ↓	20 Min at 180 °C
3. Oil Abs. (ml/100g)	90±20	
4. pH	6.0±0.5	5% in Water
5. Surface Area (m <sup>2</sup> /g)	700±50	BET
6. Pore Volume (ml/g)	0.4±0.3	BET
7. Whiteness	95↑	

**P**ackaging

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

**M**aterial Safety Data Sheet

MSDS is available