



SILICA AS PLASTIC & RUBBER ADDITIVES:

We have emerged as a prominent organization, engaged in manufacturing and supplying a broad range of Precipitated Silica Granules. These products are processed at our world-class manufacturing facilities in order to make these suitable for Industrial use. Offered products are acclaimed by our valued clients for their purity, longer shelf life, inertness, non-toxicity and chemically balanced nature. Owing to these features, offered Precipitated Silica Granules are widely demanded by paint, rubber and toothpaste manufacturers.

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PRECIPITATED SILICA FOR DETERGENT APPLICATION

Basic information:

- Product name: Precipitated Silica
- Molecular formula: $\text{SiO}_2 \cdot n\text{H}_2\text{O}$
- CAS code: 7631-86-9

Features:

- Grinding Aids
- Suspension, Resuspension, Dispersability
- Parting Agents - Free Flow
- Carriers
- Moisture Absorbents

Specification Data Sheet:

Sr.No.	Properties	Unit	AMFIL-110
1	Appearance	----	White Free Flowing Powder
2	Packing	Kgs	20/25 KG
3	BET Surface area	m^2/gm	170-190
4	Moisture content (at 105°C for 2 hrs)	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	60-120
7	Ignition loss (at 1000°C for 2hrs) On anhydrous basis	%(max)	6.0
8	L.O.D at 110°C 2hrs	%(Max)	5.0
9	Water Absorption	%(Min)	240
10	Residue on 325 mesh	%(Max)	1.0
11	SiO ₂ on Anhydrous	%(min)	98.50
12	Soluble Salts	%(max)	1.0
13	Behaviour with water	--	Hydrophilic

Package:

- Regular weight :20kg/bag , 15 kg/bag
- Packing : HDPE Laminated bags with inside polyliner paper bag packing available on specific request.

PRECIPITATED SILICA: PESTICIDE GRADE

Sr.No.	Description of test	Unit	Specification/limit
1	Characteristics	----	White Free Flowing Powder
2	Packing	Kgs	20/25
3	BET Surface area	m ² /gm	170-190
4	Moisture content	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	80 - 130
7	Ignition loss (at 1000 c for 2hrs)	%(max)	6.0%
8	L.O.D at 110 °c 2hrs.	%(max)	5.0%
9	Water absorption (%)	%(min)	255
10	Residue on 325 Mesh	%(max)	1.5%
11	SiO ₂ on Anhydrous	%(min)	98.5
12	Soluble Salts	%(max)	1.0

Grades of Silica:

Pesticide Grade Silica

Rubber Grade Silica

Animal Feed Grade

Free Flow Salt / Powdered Mixes

Detergent / Laundry

Tyer Granules



PRECIPITATED SILICA FOR PIGMENT APPLICATION

Basic information:

- Product name: Precipitated Silica
- Molecular formula: $\text{SiO}_2 \cdot n\text{H}_2\text{O}$
- CAS code: 7631-86-9

Features:

- Filler

Specification Data Sheet:

Sr.No.	Properties	Unit	AMFIL-110
1	Appearance	----	White Free Flowing Powder
2	Packing	Kgs	25 KG
3	BET Surface area	m^2/gm	170-190
4	Moisture content (at 105°C for 2 hrs)	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	60-120
7	Ignition loss (at 1000°C for 2hrs) On anhydrous basis	%(max)	6.0
8	L.O.D at 110°C 2hrs	%(Max)	5.0
9	Water Absorption	%(Min)	240
10	Residue on 325 mesh	%(Max)	1.0
11	SiO ₂ on Anhydrous	%(min)	98.50
12	Soluble Salts	%(max)	1.0
13	Behaviour with water	--	Hydrophilic

Package:

- Regular weight :20kg/bag , 15 kg/bag
- Packing : HDPE Laminated bags with inside polyliner paper bag packing available on specific request.

PRECIPITATED SILICA: RUBBER GRADE

Sr.No.	Description of test	Unit	Specification/limit
1	Characteristics	---	White Free Flowing Powder
2	Packing	Kgs	20/25
3	BET Surface area	m ² /gm	170-190
4	Moisture content	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	150-300
7	Ignition loss (at 1000 c for 2hrs)	%(max)	6.0%
8	L.O.D at 110 °c 2hrs.	%(max)	5.0%
9	Water absorption (%)		230
10	SiO ₂ on Anhydrous	%(min)	98.00
11	Soluble Salts	%(max)	2.0

Grades of Silica:

Pesticide Grade Silica

Rubber Grade Silica

Animal Feed Grade

Free Flow Salt / Powdered Mixes

Detergent / Laundry

Tyer Granules



PRECIPITATED SILICA FOR FREE FLOW SALT / POWDER MIXES / FOOD PREMIXS APPLICATION

Basic information:

- Product name: Precipitated Silica
- Molecular formula: $\text{SiO}_2 \cdot n\text{H}_2\text{O}$
- CAS code: 7631-86-9

Features:

- Prevent caking
- Improve flow and increase packaging rates
- Reduce or eliminate build up in spray drying operations
- Decrease Dusting
- Eliminate lumps
- Efficiently absorb liquids, fats, and oils for powdered food applications
- Decrease clogging and bridging during production

Specification Data Sheet:

Sr.No.	Properties	Unit	AMFIL-551
1	Appearance	---	White Free Flowing Powder
2	Packing	Kgs	15/20
3	BET Surface area	m^2/gm	170-190
4	Moisture content (at 105°C for 2 hrs)	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	80-130
7	Ignition loss (at 1000°C for 2hrs) On anhydrous basis	%(max)	6.0
8	Water Absorption	%(Min)	260
9	Residue on 325 mesh	%(Max)	1.0
10	SiO ₂ on Anhydrous	%(min)	98.50
11	Soluble Salts	%(max)	1.0

Package:

- Regular weight :20kg/bag , 15 kg/bag
- Packing : HDPE Laminated bags with inside polyline paper bag packing available on specific request.

PRECIPITATED SILICA: TYER GRANULES

Sr.No.	Description of test	Unit	Specification/limit
1	Characteristics	----	White Granule form
2	Packing	Kgs	25
3	BET Surface area	m ² /gm	160-180
4	Moisture content	%(max)	7.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	270-370
7	Ignition loss (at 1000 c for 2hrs)	%(max)	6.0%
8	SiO ₂ on Anhydrous	%(min)	98.00
9	Soluble Salts	%(max)	2.0

Grades of Silica:

Pesticide Grade Silica

Rubber Grade Silica

Animal Feed Grade

Free Flow Salt / Powdered Mixes

Detergent / Laundry

Tyer Granules



PRECIPITATED SILICA FOR ANIMAL FEED APPLICATION

Basic information:

- Product name: Precipitated Silica
- Molecular formula: $\text{SiO}_2 \cdot n\text{H}_2\text{O}$
- CAS code: 7631-86-9

Features:

- To improve the processing packaging and stability of animal feed additives.
- Increase processing productivity;
- Improve Health, Safety and Environment (HSE) conditions;
- Allow easy handling.

Specification Data Sheet:

Sr.No.	Properties	Unit	AMFIL-150
1	Appearance	----	White Free Flowing Powder
2	Packing	Kgs	20/25 KG
3	BET Surface area	m^2/gm	180-190
4	Moisture content (at 105°C for 2 hrs)	%(max)	6.0
5	Ph (5 % aqueous suspension)	---	6.5 to 7.5
6	Bulk density	gm/lit	80-140
7	Ignition loss (at 1000°C for 2hrs) On anhydrous basis	%(max)	6.0
8	L.O.D at 110°C 2hrs	%(Max)	5.0
9	Water Absorption	%(Min)	240
10	Residue on 325 mesh	%(Max)	1.0
11	SiO ₂ on Anhydrous	%(min)	98.50
12	Soluble Salts	%(max)	1.0

Package:

- Regular weight :20kg/bag , 25 kg/bag
- Packing : HDPE Laminated bags with inside polyline paper bag packing available on specific request.