



Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG1T

Description of Product

Natural Calcium Carbonate powder (coated with stearic Acid)manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec,Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm ³
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco ₃	≥99.60%
Mgo	≤0.1%
Fe ₂ O ₃	≤0.01%
Al ₂ O ₃	≤0.05%
SiO ₂	≤0.1%
CaO	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated matrial .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	23g/100g
Bulk density	0.45g/cm ³
Moisture	≤ 0.2

Stearic Acid 14-14.5kg/1 Ton

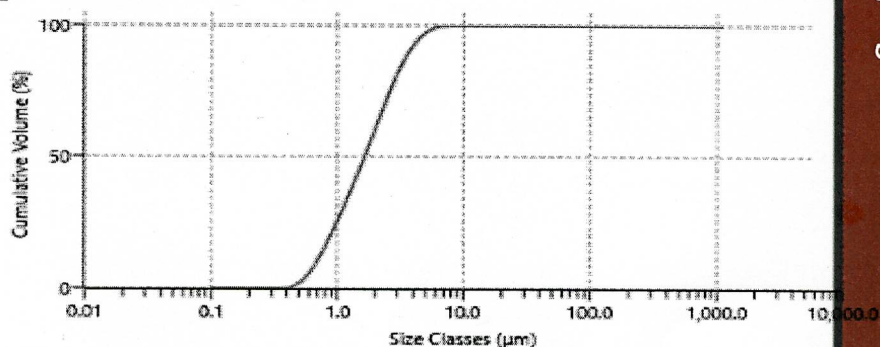
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	5 μ	± 0.2 μ
d (50)	1.5 μ	±0.2 μ
≤ 2μ	60%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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8 نيل الوقاد - همارات المروة - الجولف - القاهرة - مصر



Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG2SFT

Description of Product

Description: Natural Calcium Carbonate powder (coated with stearic Acid) manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec, Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm ³
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco ₃	≥99.60%
Mgo	≤0.1%
Fe ₂ O ₃	≤0.01%
Al ₂ O ₃	≤0.05%
SiO ₂	≤0.1%
CaO	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated material .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	21g/100g
Bulk density	0.55g/cm ³
Moisture	≤ 0.2
Stearic Acid	12-12.5kg/1 Ton

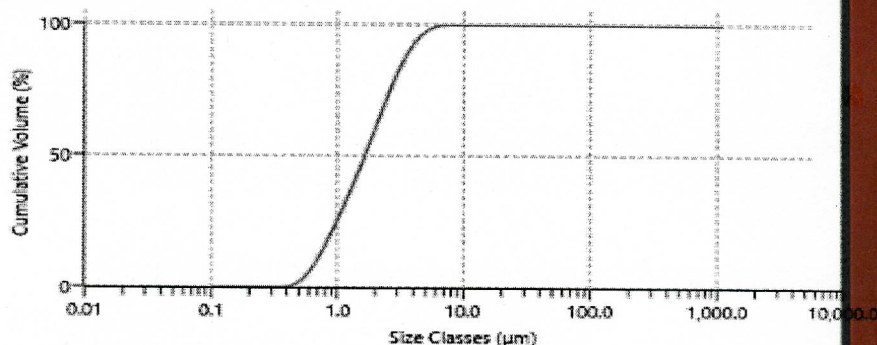
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	8 μ	± 0.2 μ
d (50)	2 μ	±0.2 μ
≤ 2μ	50%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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8 من تيبيل الوقاد - حارات المروة - الجولف - القاهرة - مصر

Technical Data Sheet

SG2T

Description of Product

Description: Natural Calcium Carbonate powder (coated with stearic Acid) manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec, Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm ³
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco ₃	≥99.60%
Mgo	≤0.1%
Fe ₂ O ₃	≤0.01%
Al ₂ O ₃	≤0.05%
Sio ₃	≤0.1%
Cao	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated matrial .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	19.5g/100g
Bulk density	0.57g/cm ³
Moisture	≤ 0.2
Stearic Acid	10-10.5kg/1 Ton

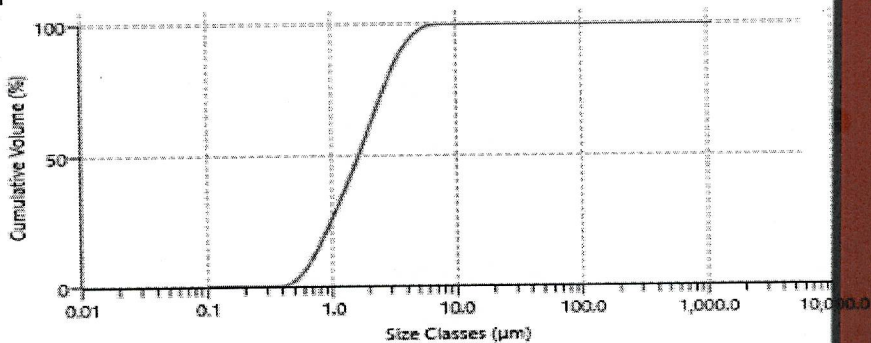
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	10 μ	± 0.5 μ
d (50)	2.5μ	±0.2 μ
≤ 2μ	40%	± 2%

Measured Datacolor Elrepho



Technical Data Sheet

SG3T

Description of Product

Natural Calcium Carbonate powder (coated with stearic Acid)manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec,Spain.

Character of Raw Material

Occurred on untreated matrial .

Physical Properties

True specific gravity 2.73g/cm³
Hardness (mohs) 3
HCl insoluble ≤ 0.3

Chemical Analysis

Caco3	≥99.60%
Mgo	≤0.1%
Fe2O3	≤0.01%
Al2O3	≤0.05%
Sio3	≤0.1%
Cao	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated matrial .

Physical Properties

PH 9 Max (iso/787/9)
Oil absorption 19g/100g
Bulk density 0.59g/cm³
Moisture ≤ 0.2

Stearic Acid 9 -9.5kg/1 Ton

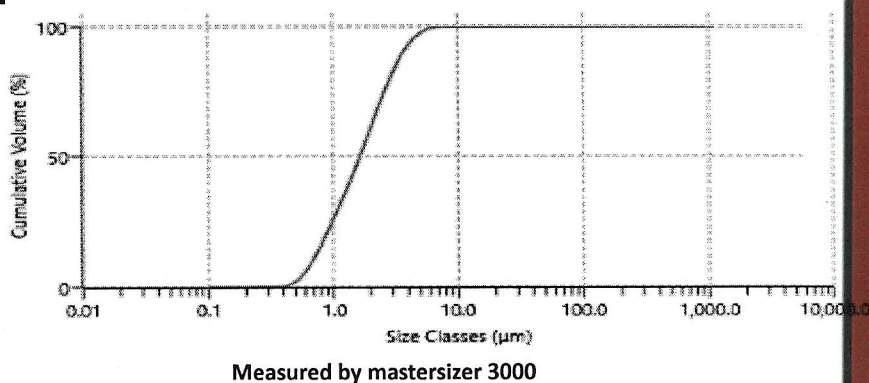
Partical Size Distribution

d (97)	12 μ	± 0.5 μ
d (50)	3 μ	±0.2 μ
≤ 2μ	35%	± 2%

Optical Properties

R(Y)	≥96	(C2 Deg)
L *	≥98	(D65 10 Deg)
a *	≤0.2	(D65 10 Deg)
b *	≤1.2	(D65 10 Deg)

Measured Datacolor Elrepho





Technical Data Sheet

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Société Générale des Matériaux De Construction Et D'exportation

SG3ST

Description of Product

Description: Natural Calcium Carbonate powder (coated with stearic Acid) manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec, Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm ³
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco ₃	≥99.60%
Mgo	≤0.1%
Fe ₂ O ₃	≤0.01%
Al ₂ O ₃	≤0.05%
SiO ₂	≤0.1%
CaO	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated material .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption 18g/100g	
Bulk density	0.7g/cm ³
Moisture	≤ 0.2
Stearic Acid	9 -9.5kg/1 Ton

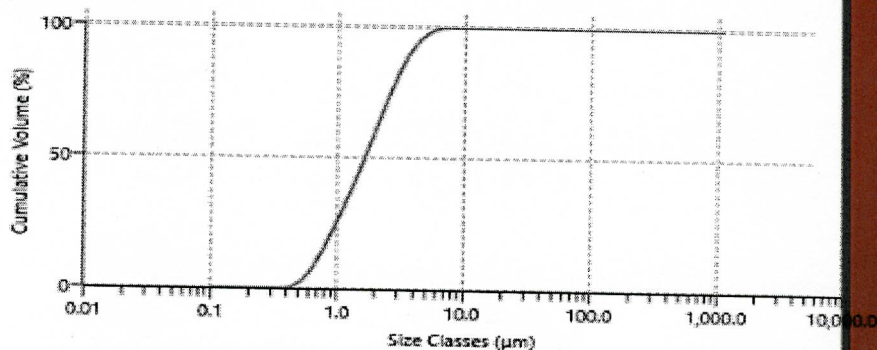
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	15 μ	± 0.2 μ
d (50)	3.8μ	± 0.2 μ
≤ 2μ	30%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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**SGMC**

Société Générale des Matériaux De Construction Et D'exportation

SG4T

Technical Data Sheet

Description of Product

Natural Calcium Carbonate powder (coated with stearic Acid)manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec,Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm3
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco3	≥99.60%
Mgo	≤0.1%
Fe2O3	≤0.01%
Al2o3	≤0.05%
Sio3	≤0.1%
Cao	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated matrial .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	17.7g/100g
Bulk density	0.71g/cm3
Moisture	≤ 0.2
Stearic Acid	8-8.5kg/1 Ton

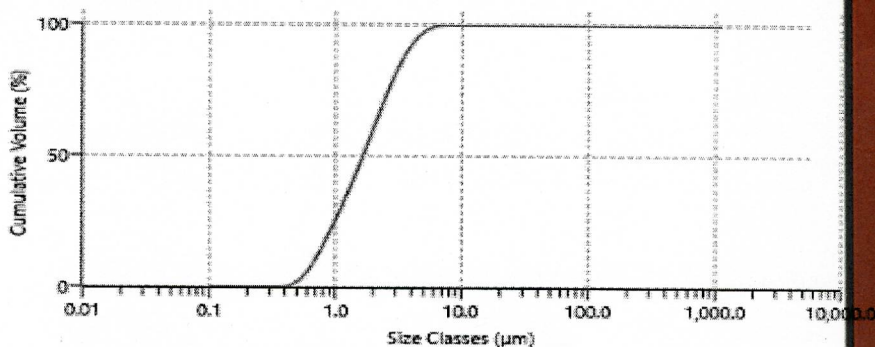
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	18 μ	± 0.2 μ
d (50)	4 μ	± 0.2 μ
≤ 2μ	27%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG4ST

Description of Product

Natural Calcium Carbonate powder (coated with stearic Acid)manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec,Spain.

Character of Raw Material

Chemical Analysis

Physical Properties

True specific gravity	2.73g/cm3
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Caco3	≥99.60%
Mgo	≤0.1%
Fe2O3	≤0.01%
Al2O3	≤0.05%
Sio3	≤0.1%
Cao	≥55.67
L.O.I	44.23%

Product Data

Occurred on untreated matrial .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	17.5g/100g
Bulk density	0.73g/cm3
Moisture	≤ 0.2
Stearic Acid	8-8.5kg/1 Ton

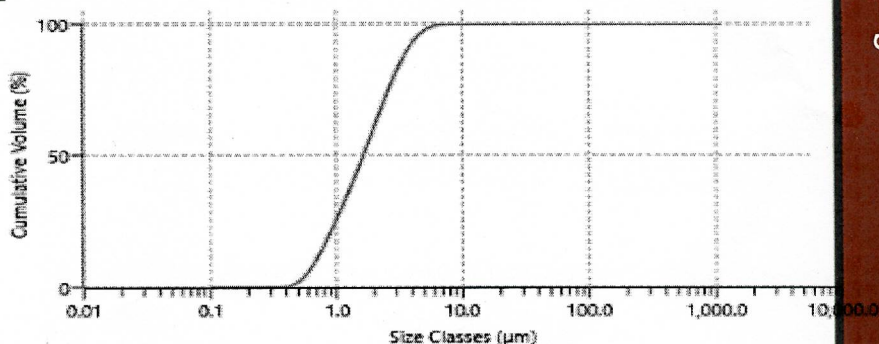
Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Partical Size Distribution

d (97)	20 μ	± 0.2 μ
d (50)	4.8 μ	± 0.2 μ
≤ 2μ	25%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG5T

Description of Product

Natural Calcium Carbonate powder (coated with stearic Acid)manufactured from white and pure crystalline limestone Produced by the most advanced technological plants of ecutec,Spain.

Character of Raw Material

Physical Properties

True specific gravity	2.73g/cm ³
Hardness (mohs)	3
HCl insoluble	≤ 0.3

Product Data

Occurred on untreated material .

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption 17g/100g	
Bulk density	0.78 g/cm ³
Moisture	≤ 0.2
Stearic Acid	8-8.5kg/1 Ton

Partical Size Distribution

d (97)	25 μ	± 0.2 μ
d (50)	5.8 μ	±0.2 μ
≤ 2μ	19%	± 2%

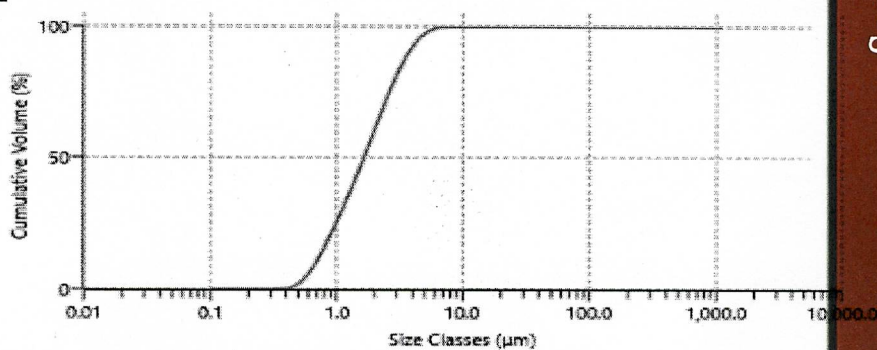
Chemical Analysis

Caco ₃	≥99.60%
Mgo	≤0.1%
Fe ₂ O ₃	≤0.01%
Al ₂ O ₃	≤0.05%
SiO ₃	≤0.1%
Cao	≥55.67
L.O.I	44.23%

Optical Properties

R(Y)	≥96	(C2 Deg)
L*	≥98	(D65 10 Deg)
a*	≤0.2	(D65 10 Deg)
b*	≤1.2	(D65 10 Deg)

Measured Datacolor Elrepho



Measured by mastersizer 3000

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