



Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG1

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

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

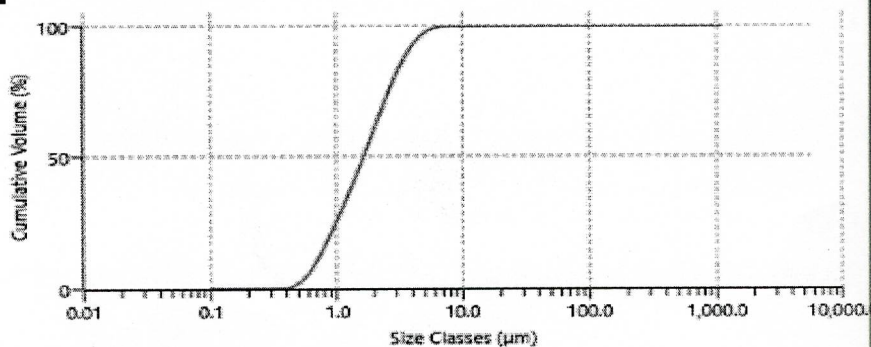
Optical Properties

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

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 - حارات المروة - الجولف - القاهرة - مصر



Technical Data Sheet

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Société Générale des Matériaux De Construction Et D'exportation

SG2SF

Description of Product

Natural Calcium Carbonate Powder 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

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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	21g/100g
Bulk density	0.55g/cm ³
Moisture	≤ 0.2

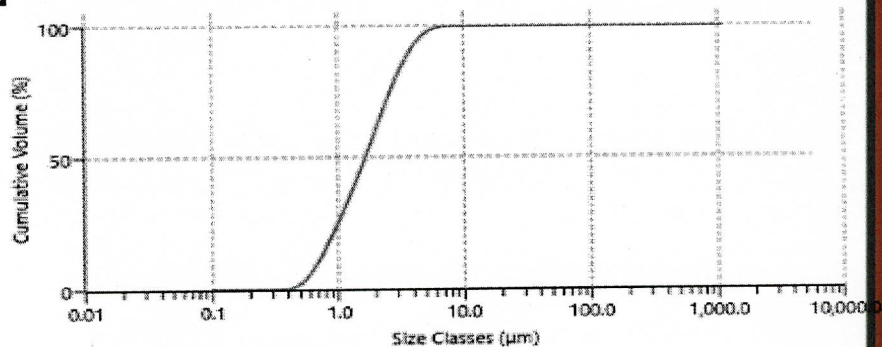
Optical Properties

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

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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Société Générale des Matériaux De Construction Et D'exportation

SG2

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	19.5g/100g
Bulk density	0.57g/cm ³
Moisture	≤ 0.2

Partical Size Distribution

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

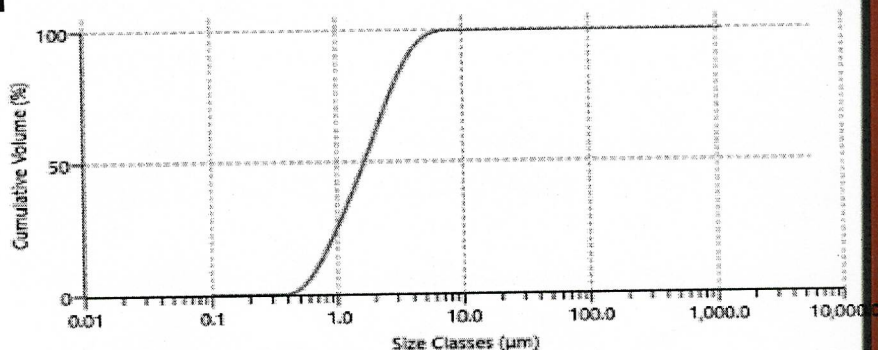
Chemical Analysis

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



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Société Générale des Matériaux De Construction Et D'exportation

SG3S

Description of Product

Natural Calcium Carbonate Powder manufactured from white and pure crystalline limestone produced by the most advanced technological plants of Ecutech 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	18g/100g
Bulk density	0.7g/cm ³
Moisture	≤ 0.2

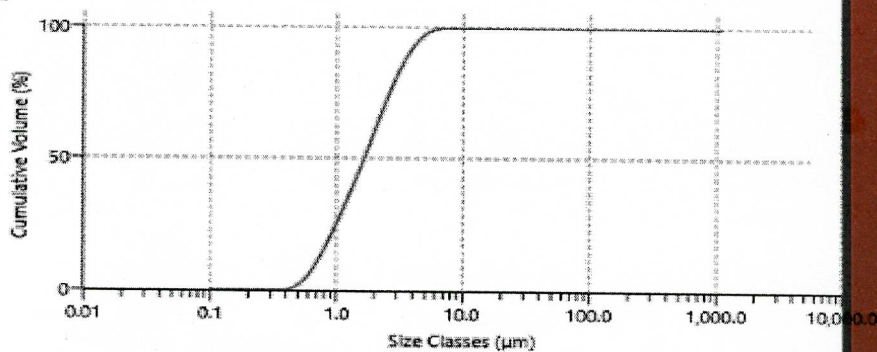
Optical Properties

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

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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Technical Data Sheet

SG3

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption 19g/100g	
Bulk density	0.59g/cm ³
Moisture	≤ 0.2

Partical Size Distribution

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

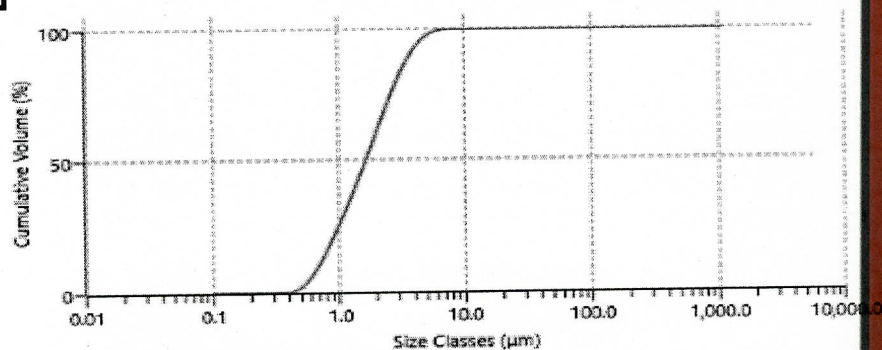
Chemical Analysis

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



Technical Data Sheet

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SG4

Description of Product

Natural Calcium Carbonate Powder manufactured from white and pure crystalline limestone produced by the most advanced technological plants of Ecutech Spain.

Character of Raw Material

Physical Properties

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

Product Data

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	17.7g/100g
Bulk density	0.71g/cm ³
Moisture	≤ 0.2

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%

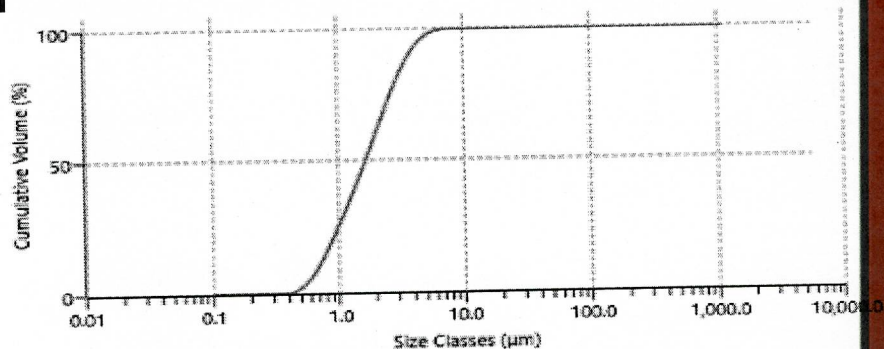
Optical Properties

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

Partical Size Distribution

d (97)	18 μ	± 0.2 μ
d (50)	4.6 μ	± 0.2 μ
≤ 2μ	27%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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SG4S

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	17.5g/100g
Bulk density	0.73g/cm3
Moisture	≤ 0.2

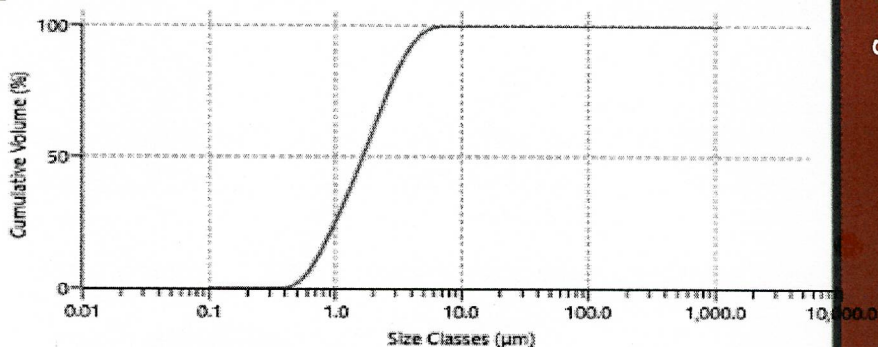
Optical Properties

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

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

SG5

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	17g/100g
Bulk density	0.78 g/cm ³
Moisture	≤ 0.2

Partical Size Distribution

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

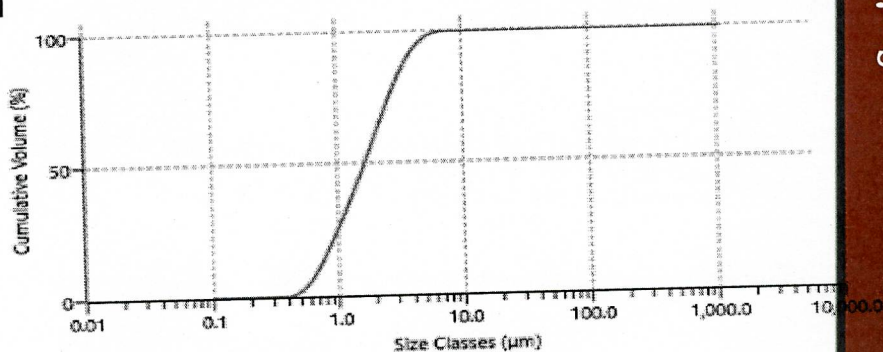
Chemical Analysis

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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8 ش نبيل الوقاد - حارات المروة - الجولف - القاهرة - مصر

Technical Data Sheet

SG5 S

Description of Product

Natural Calcium Carbonate Powder manufactured from white and pure crystalline limestone produced by the most advanced technological plants of Ecutech Spain.

Character of Raw Material

Physical Properties

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

Product Data

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption 17g/100g	
Bulk density	0.78 g/cm ³
Moisture	≤ 0.2

Partical Size Distribution

d (97)	30 μ	± 0.2 μ
d (50)	6 μ	± 0.2 μ
≤ 2μ	19%	± 2%

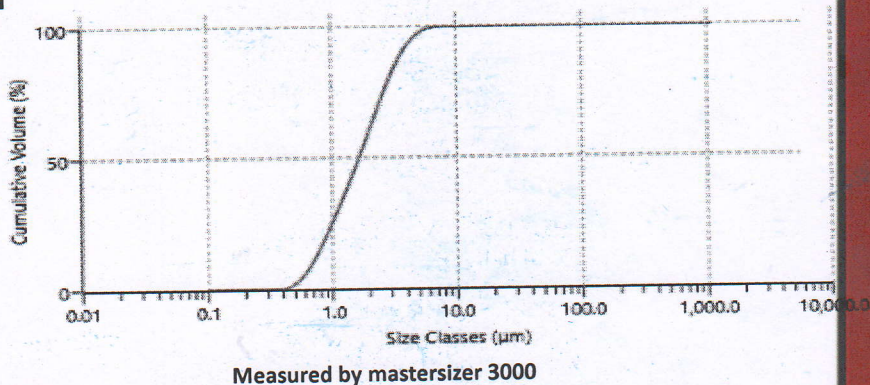
Chemical Analysis

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



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8 ش نبيل الوقاد - حارات المروة - الجولف - القاهرة - مصر

Technical Data Sheet

SG11

Description of Product

Natural Calcium Carbonate Powder 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	14.5g/100g
Bulk density	0.85g/cm ³
Moisture	≤ 0.2

Partical Size Distribution

d (97)	40 μ	± 0.2 μ
d (50)	11 μ	± 0.2 μ
≤ 2μ	14%	± 2%

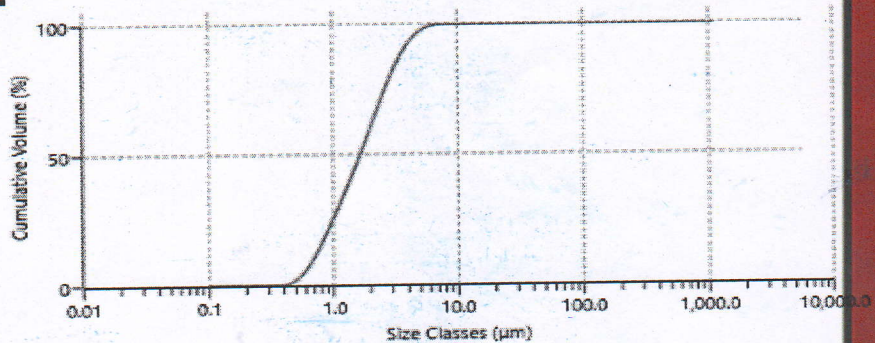
Chemical Analysis

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



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Technical Data Sheet

SGMC

Société Générale des Matériaux De Construction Et D'exportation

SG19

Description of Product

Natural Calcium Carbonate Powder manufactured from white and pure crystalline limestone produced by the most advanced technological plants of Ecutech 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

Physical Properties

PH	9 Max (iso/787/9)
Oil absorption	14.5g/100g
Bulk density	0.85g/cm ³
Moisture	≤ 0.2

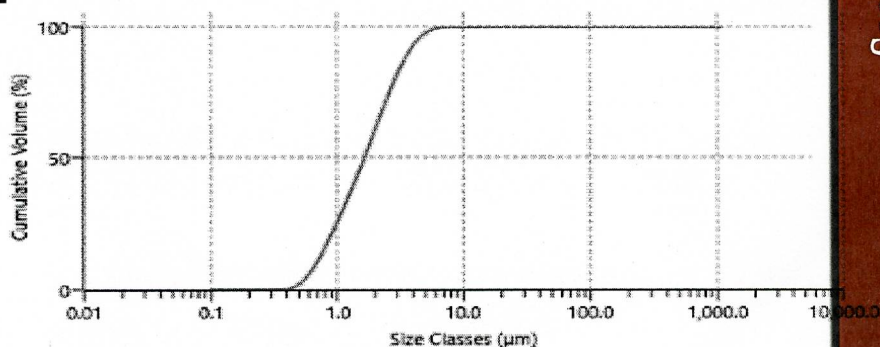
Optical Properties

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

Partical Size Distribution

d (97)	56 μ	± 2 μ
d (50)	15 μ	±0.5 μ
≤ 2μ	10%	± 2%

Measured Datacolor Elrepho



Measured by mastersizer 3000

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