

AROSHAPOWDER CO

Calcium Carbonate Manufacturer



Product analysis:

Uncoated calcium carbonate

Coated calcium carbonate

Aroshapowder.co

AROSHACARB® UM35

Applications & Description

UM35 is a fine particle size, high brightness calcium carbonated derived from pure limestone. It is characterized by its high whiteness. **UM35** is used in paper, Powder coating (glossy finish), water based paints, solvent based paints, protective paints, printing inks, adhesives and sealants.

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

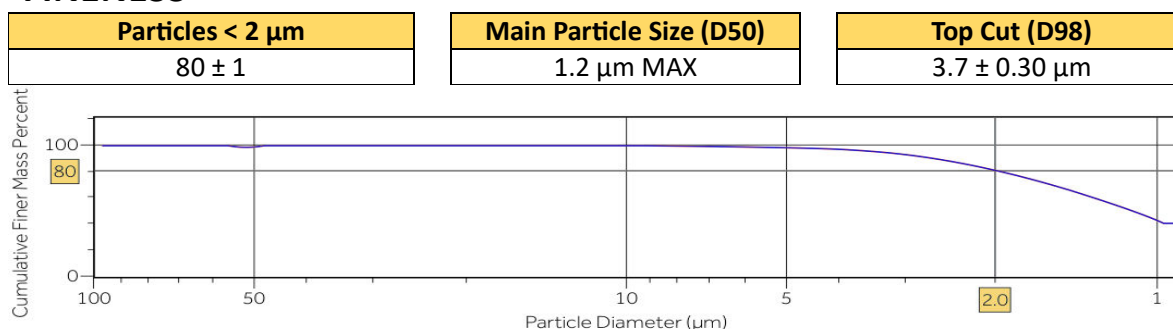
Physical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm ³
PH	9 (ISO 787/9)
Oil Absorption	35.0 ml/100g (ISO 787/5)
Bulk Density	0.45 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo ₃	99%	MIN
MgO	0.20%	MAX
Fe ₂ O ₃	0.01%	MAX
Al ₂ O ₃	0.04%	MAX
Si ₂ O	0.01%	MAX
Na ₂ O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1%	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM25

Applications & Description

UM25 is a fine particle size, high brightness calcium carbonated derived from pure limestone. It is characterized by its high whiteness. **UM25** is used in paper, Powder coating (glossy finish), water based paints, solvent based paints, protective paints, printing inks, adhesives and sealants.

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

Phisical Characteristics

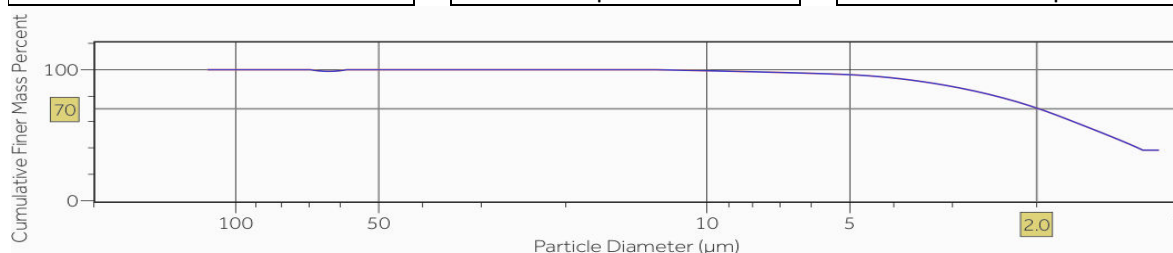
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	30.0 ml/100g (ISO 787/5)
Bulk Density	0.5 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1%	MAX

FINENESS

Particles < 2 µm	Main Particle Size (D50)	Top Cut (D98)
70 ± 1	1.4 µm MAX	4.5 ± 0.50 µm



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM15

Applications & Description

iron casting,Steel production,paper making,Livestock and poultry feed,Construction and road construction,Drilling oil and gas wells,Production of edible and medicinal lime,Paint and glue industry,Cable and wire industry,Detergent industry,Health industry,Ceramic tile,,

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

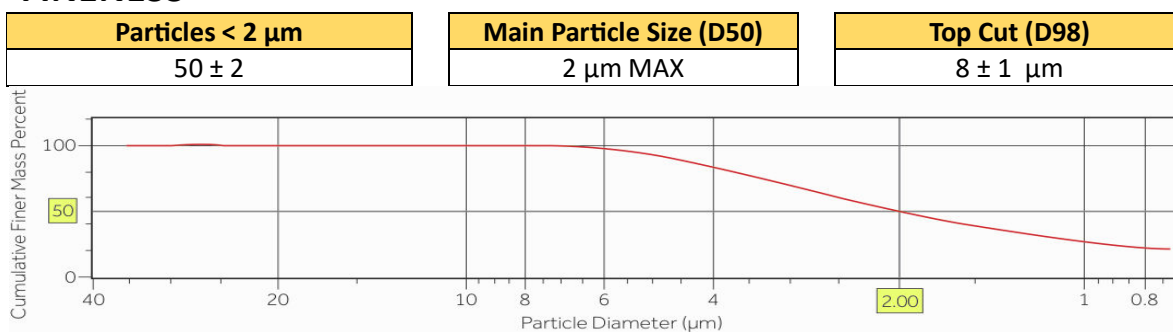
Physical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	28 ml/100g (ISO 787/5)
Bulk Density	0.6 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM12

Applications & Description

iron casting, Steel production, paper making, Livestock and poultry feed, Construction and road construction, Drilling oil and gas wells, Production of edible and medicinal lime, Paint and glue industry, Cable and wire industry, Detergent industry, Health industry, Ceramic tile.

RAW MATERIAL

QOM, IRAN
(CE, ISO 9001, ISO 14001, OHSAS 18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

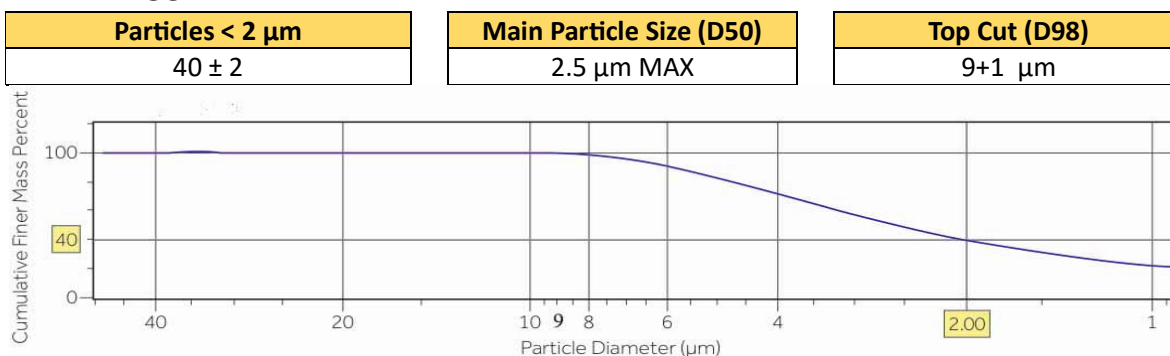
Physical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness (Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm ³
PH	9 (ISO 787/9)
Oil Absorption	27 ml/100g (ISO 787/5)
Bulk Density	0.6 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCO ₃	99%	MIN
MgO	0.20%	MAX
Fe ₂ O ₃	0.01%	MAX
Al ₂ O ₃	0.04%	MAX
SiO ₂	0.01%	MAX
Na ₂ O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591, +989134272549, +989134273154, +989134422983, +989134288043

Podrsang.ir, Poodrsang.ir, Poudrsang.ir, Powdrsang.ir, Podresang.ir, Pudrsang.ir

AROSHACARB® UM8

Applications & Description

iron casting,Steel production,paper making,Livestock and poultry feed,Construction and road construction,Drilling oil and gas wells,Production of edible and medicinal lime,Paint and glue industry,Cable and wire industry,Detergent industry,Health industry,Ceramic tile.

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

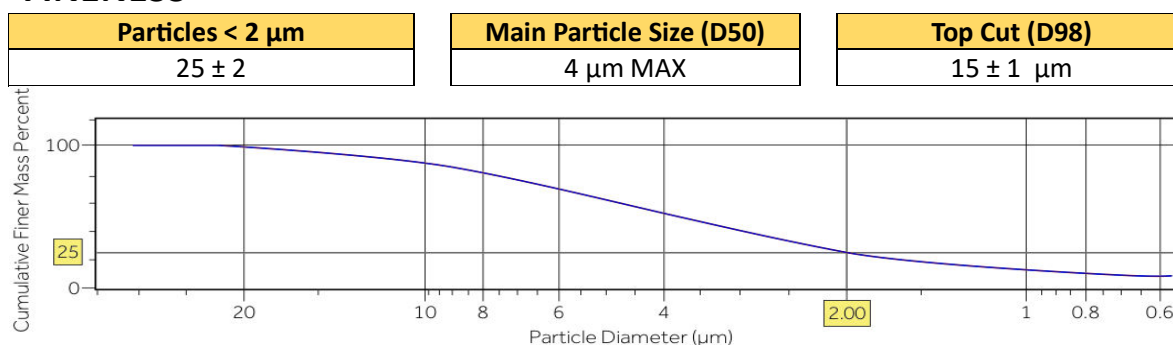
Physical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	26 ml/100g (ISO 787/5)
Bulk Density	0.7 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM6

Applications & Description

iron casting, Steel production, paper making, Livestock and poultry feed, Construction and road construction, Drilling oil and gas wells, Production of edible and medicinal lime, Paint and glue industry, Cable and wire industry, Detergent industry, Health industry, Ceramic tile.

RAW MATERIAL

QOM, IRAN
(CE, ISO 9001, ISO 14001, OHSAS 18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

Physical Characteristics

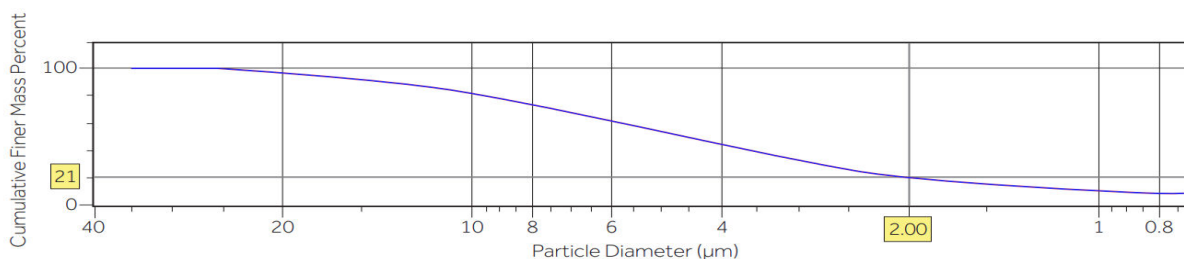
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness (Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm ³
PH	9 (ISO 787/9)
Oil Absorption	24.0 ml/100g (ISO 787/5)
Bulk Density	0.7 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCO ₃	99%	MIN
MgO	0.20%	MAX
Fe ₂ O ₃	0.01%	MAX
Al ₂ O ₃	0.04%	MAX
SiO ₂	0.01%	MAX
Na ₂ O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in HCl	0.1 %	MAX

FINENESS

Particles < 2 μ m	Main Particle Size (D50)	Top Cut (D98)
20 $\pm$ 2	4.5 μ m MAX	20 $\pm$ 1 μ m



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591, +989134272549, +989134273154, +989134422983, +989134288043

Podrsang.ir, Poodrsang.ir, Poudrsang.ir, Powdrsang.ir, Podresang.ir, Pudrsang.ir

AROSHACARB® UM4

Applications & Description

iron casting, Steel production, Livestock and poultry feed, Construction and road construction, Drilling oil and gas wells, Detergent industry, Health industry

RAW MATERIAL

QOM, IRAN
(CE, ISO 9001, ISO 14001, OHSAS 18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

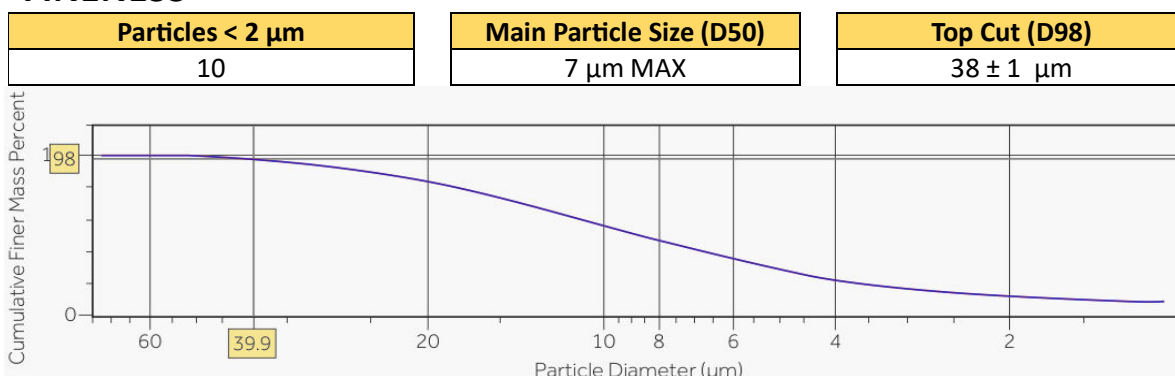
Physical Characteristics

Whiteness	97 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm ³
PH	9 (ISO 787/9)
Oil Absorption	22 ml/100g (ISO 787/5)
Bulk Density	0.82 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCO ₃	99%	MIN
MgO	0.20%	MAX
Fe ₂ O ₃	0.01%	MAX
Al ₂ O ₃	0.04%	MAX
SiO ₂	0.01%	MAX
Na ₂ O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM3.25

Applications & Description

iron casting,Steel production,Livestock and poultry feed,Construction and road construction,Drilling oil and gas wells,Detergent industry,Health industry

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

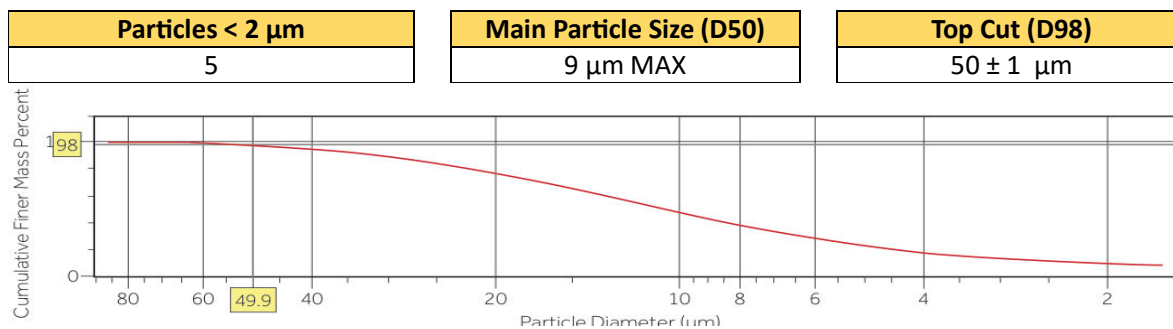
Physical Characteristics

Whiteness	97 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	18.0 ml/100g (ISO 787/5)
Bulk Density	0.85 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® UM0.8

Applications & Description

iron casting,Steel production,Livestock and poultry feed,Construction and road construction,Drilling oil and gas wells,Detergent industry,Health industry

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

Physical Characteristics

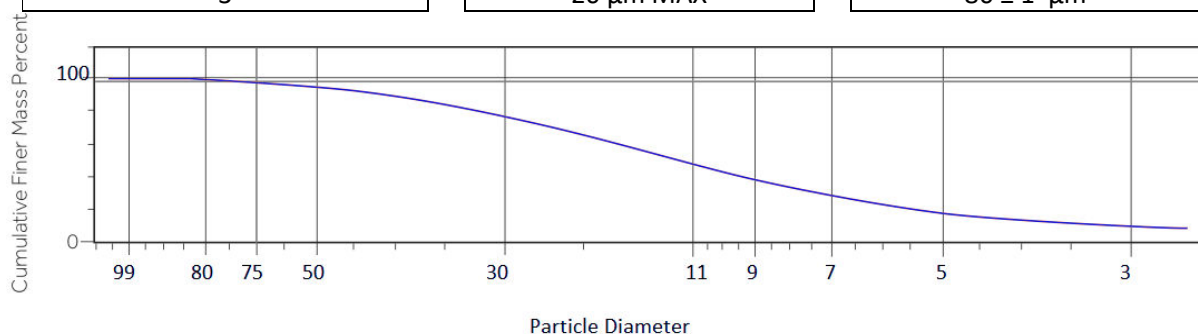
Whiteness	85 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	16 ml/100g (ISO 787/5)
Bulk Density	0.9 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	98%	MIN
MgO	0.30%	MAX
Fe2O3	0.01%	MAX
Al2O3	1.03%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	54.65%	MAX
L.O.I	42.55%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS

Particles < 2 µm	Main Particle Size (D50)	Top Cut (D98)
3	20 µm MAX	80 ± 1 µm



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® CM8

PRODUCT SPECIFICATION

Natural , ultiar-fine Calcium Carbonate manufactured from high purity and whiteness limestone .
high technology surface coating is applied

APPLICATIONS

Plastics , Polymers , PVC profiles ,Profile sheets , PVC pipes , Industrial paints , Filler primers , Anti-corrosion fillers

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

STEARIC ACID (kg per ton)

7-10 KG

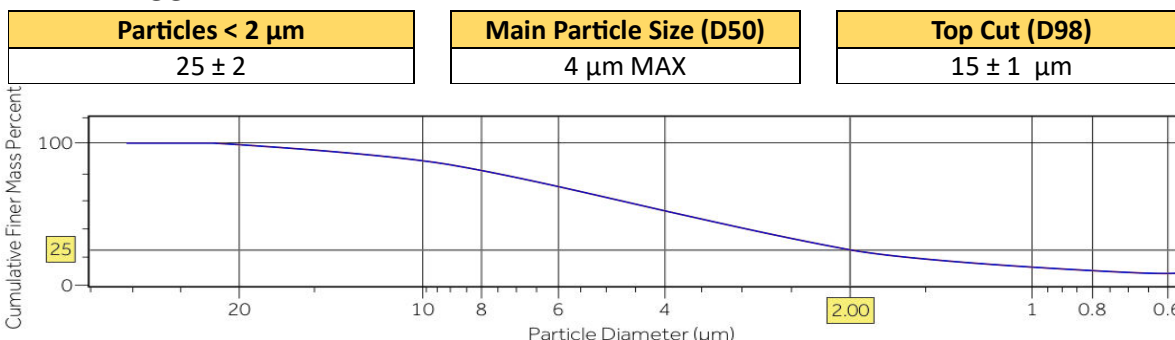
Phisical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	26 ml/100g (ISO 787/5)
Bulk Density	0.7 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equiped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® CM15

PRODUCT SPECIFICATION

Natural , ultiar-fine Calcium Carbonate manufactured from high purity and whiteness limestone .
high technology surface coating is applied

APPLICATIONS

Plastics , Polymers , PVC profiles ,Profile sheets , PVC pipes , Industrial paints , Filler primers , Anti-corrosion fillers

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

STEARIC ACID (kg per ton)

7-11 KG

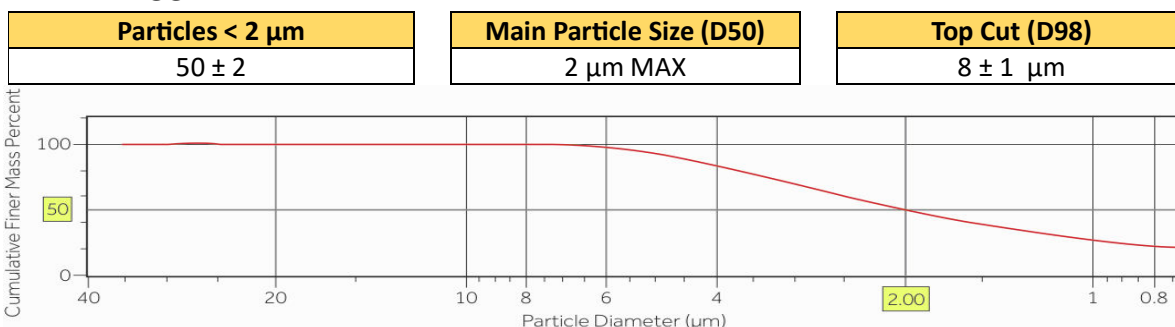
Phisical Characteristics

Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	28 ml/100g (ISO 787/5)
Bulk Density	0.6 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1 %	MAX

FINENESS



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our labartories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® CM25

PRODUCT SPECIFICATION

Natural , ultra-fine Calcium Carbonate manufactured from high purity and whiteness limestone .
high technology surface coating is applied

APPLICATIONS

Plastics , Polymers , PVC profiles ,Profile sheets , PVC pipes , Industrial paints , Filler primers , Anti-corrosion fillers

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

STEARIC ACID (kg per ton)

7-11 KG

Physical Characteristics

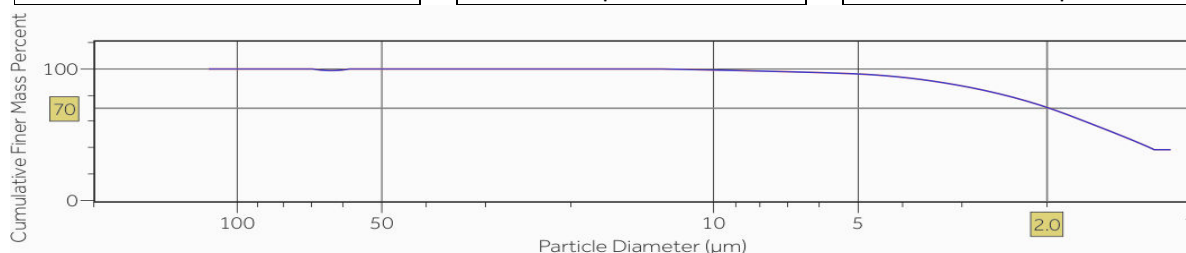
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	30.0 ml/100g (ISO 787/5)
Bulk Density	0.5 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1%	MAX

FINENESS

Particles < 2 µm	Main Particle Size (D50)	Top Cut (D98)
70 ± 1	1.4 µm MAX	4.5 ± 0.50 µm



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® CM35

PRODUCT SPECIFICATION

Natural , ultar-fine Calcium Carbonate manufactured from high purity and whiteness limestone .
high technology surface coating is applied

APPLICATIONS

Plastics , Polymers , PVC profiles ,Profile sheets , PVC pipes , Industrial paints , Filler primers , Anti-corrosion fillers

PACKAGING

25-30 kg ADS bag
Big Bag
Pallet and shearing

RAW MATERIAL

QOM,IRAN
(CE,ISO9001,ISO14001,OHSAS18001)

STEARIC ACID (kg per ton)

7-11 KG

Phisical Characteristics

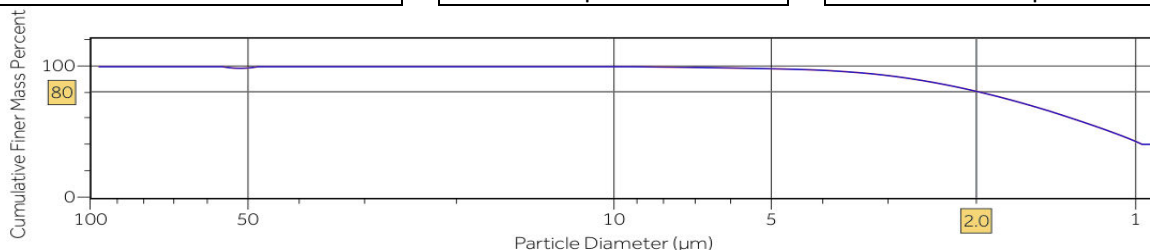
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	35.0 ml/100g (ISO 787/5)
Bulk Density	0.45 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis

CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hcl	0.1%	MAX

FINENESS

Particles < 2 µm	Main Particle Size (D50)	Top Cut (D98)
80 ± 1	1.2 µm MAX	3.7 ± 0.30 µm



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir

AROSHACARB® CM40

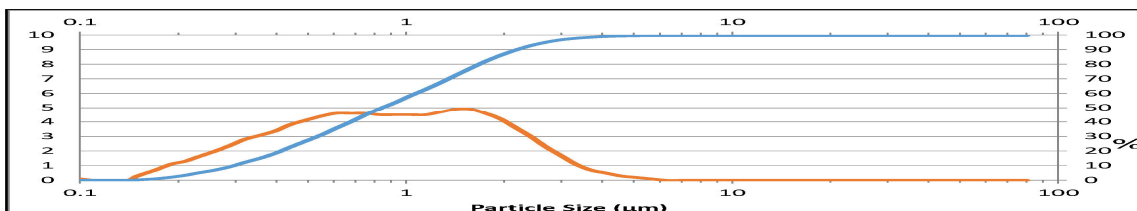
PRODUCT SPECIFICATION	APPLICATIONS
Natural , ular-fine Calcium Carbonate manufactured from high purity and whiteness limestone . high technology surface coating is applied	Plastics , Polymers , PVC profiles ,Profile sheets , PVC pipes , Industrial paints , Filler primers , Anti-corrosion fillers
PACKAGING	STEARIC ACID (kg per ton)
25-30 kg ADS bag Big Bag Pallet and shearing	10-11 KG

Phisical Characteristics	
Whiteness	98 MIN (DIN 6174)
Refractive index	1.59%
Hardness(Mohs)	3.00
Humidity	0.2% MAX
Density	2.730 g/cm 3
PH	9 (ISO 787/9)
Oil Absorption	35.0 ml/100g (ISO 787/5)
Bulk Density	0.45 g/ml (ISO 787/11)
Moisture	0.2 %

Chemical Analysis		
CaCo3	99%	MIN
MgO	0.20%	MAX
Fe2O3	0.01%	MAX
Al2O3	0.04%	MAX
Si2O	0.01%	MAX
Na2O	0.05%	MAX
CaO	56.06%	MAX
L.O.I	43.89%	MAX
Insoluble content in Hel	0.1%	MAX

MALVERN		Mastersizer				SB-00		Easy Mode						
High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	High Size	In %	Span
80	0	24.9	0	7.75	0	2.41	3	0.75	4.6	0.23	1.6	D[4,3]	2.22	
71.9	0	22.4	0	6.97	0	2.17	3.6	0.68	4.6	0.21	1.3	µm 1.08		
64.7	0	20.1	0	6.27	0	1.95	4.2	0.61	4.6	0.19	1.1			
58.2	0	18.1	0	5.64	0.1	1.75	4.6	0.55	4.4	0.17	0.7	D[3,2]		
52.3	0	16.3	0	5.07	0.2	1.58	4.9	0.49	4.1	0.15	0.3	µm 0.61		
47.1	0	14.6	0	4.56	0.3	1.42	4.9	0.44	3.8	0.14	0			
42.3	0	13.2	0	4.1	0.5	1.28	4.7	0.4	3.4	0.12	0	D[v,0.9]		
38.1	0	11.8	0	3.69	0.7	1.15	4.5	0.36	3.1	0.11	0	µm 2.16		
34.2	0	10.7	0	3.32	1.1	1.03	4.5	0.32	2.8	0.1	0.1			
30.8	0	9.58	0	2.98	1.7	0.93	4.5	0.29	2.4			D[v,0.1]		
27.7	0	8.62	0	2.68	2.3	0.83	4.5	0.26	2			µm 0.29		
Source = HeNe				Beam Length = 3.0 mm				Model Indp						
Sample = کربنات کسیم				Residual=% 0.797				Volum Conc. =% 0.0053						
Focal Length = 43 mm				Obscuration =0.4391				Sp.S.A =m²/cc 9.8694						
Presentation = 0808				Volume distribution										
												D[v,0.5]		
												µm 0.84		
												shape off		

High Size(µm)	80	71.9	64.7	58.2	52.3	47.1	42.3	38.1	34.2	30.8	27.7	24.9	22.4	20.1	18.1	16.3
درصد فراوانی %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Size(µm)	14.6	13.2	11.8	10.7	9.58	8.62	7.75	6.97	6.27	5.64	5.07	4.56	4.1	3.69	3.32	2.98
درصد فراوانی %	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.5	0.7	1.1	1.7
High Size(µm)	2.68	2.41	2.17	1.95	1.75	1.58	1.42	1.28	1.15	1.03	0.93	0.83	0.75	0.68	0.61	0.55
درصد فراوانی %	2.3	3	3.6	4.2	4.6	4.9	4.9	4.7	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.4
High Size(µm)	0.49	0.44	0.4	0.36	0.32	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.14	0.12	0.11	0.1
درصد فراوانی %	4.1	3.8	3.4	3.1	2.8	2.4	2	1.6	1.3	1.1	0.7	0.3	0	0	0	0.1



About Us

Established in 1990, The Aroshapowder® Company for mining is one of the most reliable and trusted names in producing high quality calcium carbonate in Middle East. We are using the latest Grinding and packaging technology to ensure our products are at the highest standards. Our laboratories are equipped with the latest particle size analyzers for quality control assurance.



+989134432591 , +989134272549 , +989134273154 , +989134422983 , +989134288043

Podrsang.ir , Poodrsang.ir , Poudrsang.ir , Powdrsang.ir , Podresang.ir , Pudrsang.ir