

Kaolin Cosmetic Grade - A

Kaolin Grade	
Application	Cosmetic - A
Powder Brightness (%)	86±1
Colour Shade (on water Panel	White
Bulk Density (Gsm/Lit)	180-220
ph	6-8
%Thru 325 Mesh	99.95
Yellow Index	2.5-3.5
Water Demand (ml/100Gm)	32-37
Oil Absorption (Gm/100Gm)	35-45
Spicific Gravity	2.6
% Loss on Drying (at 105°C/Hr)	5.0 Max.
Particle size Distribution (on Sedigraph 5100)	
D(50)M	0.51 m
% Below 10 Micron	99.0 Min
% Below 2 Micron	95-98
Chemical Composition	
SiO ₂ - Silica (%)	43-45
Al ₂ O ₃ - Aluminum Oxide (%)	38-40
Fe ₂ O ₃ - Ferric Oxide (%)	0.3-0.4
TiO ₂ - Titanium Oxide (%)	0.6-0.7
CaO - Calcium oxide (%)	0.15
MgO - Magnesium Oxide (%)	0.20
Na ₂ O - Sodium Oxide (%)	0.1
K ₂ O - Potassium Oxide (%)	0.1
Loss on Ignition (%)	13-15

Admin office: 110 A Block City Center, Nr Idgah Circle Asarwa Bridge, Asarwa, Ahmedabad Gujarat 380 016 **INDIA**

Plant: Plot No. 410 Phase II, Vatva G. I. D. C. Industrial Estate, Vatva, Ahmedabad Gujarat 382 445 **INDIA**

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GLOBAL METRO CHEM INDUSTRIES

Kaolin Cosmetic Grade - B

Kaolin Grade	
Application	Cosmetic - B
Powder Brightness (%)	92 \pm 1
Colour Shade (on water Panel	Milky White
Bulk Density (Gsm/Lit)	330-340
ph	5-7
%Thru 500 Mesh	99.80
Oil Absorption (Gm/100Gm)	55-56
Particle size Distribution (on Sedigraph 5100)	
D(50)M	1.0 m Max
% Below 10 Micron	95.0 Min
% Below 2 Micron	65-70
Chemical Composition	
SiO ₂ - Silica (%)	51-52
Al ₂ O ₃ - Aluminum Oxide (%)	43-44
Fe ₂ O ₃ - Ferric Oxide (%)	0.3-0.5
TiO ₂ - Titanium Oxide (%)	0.5-0.9
CaO - Calcium oxide (%)	0.05-0.1
MgO - Magnesium Oxide (%)	0.015
Na ₂ O - Sodium Oxide (%)	0.1
K ₂ O - Potassium Oxide (%)	0.06
Loss on Ignition (%)	0.5 Max

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GLOBAL METRO CHEM INDUSTRIES

Kaolin Cosmetic Grade - C

Kaolin Grade	
Application	Cosmetic - C
Powder Brightness (%)	94±1
Colour Shade (on water Panel	Ultra White
Bulk Density (Gsm/Lit)	320-340
ph	5-7
%Thru 500 Mesh	99.99
Oil Absorption (Gm/100Gm)	55-56
Particle size Distribution (on Sedigraph 5100)	
D(50)M	1.0 m Max
% Below 10 Micron	95.0 Min
% Below 2 Micron	67-75
Chemical Composition	
SiO ₂ - Silica (%)	51-52
Al ₂ O ₃ - Aluminum Oxide (%)	43-44
Fe ₂ O ₃ - Ferric Oxide (%)	0.3-0.5
TiO ₂ - Titanium Oxide (%)	0.5-0.9
CaO - Calcium oxide (%)	0.05-0.1
MgO - Magnesium Oxide (%)	0.015
Na ₂ O - Sodium Oxide (%)	0.1
K ₂ O - Potassium Oxide (%)	0.06
Loss on Ignition (%)	0.5 Max

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GLOBAL METRO CHEM INDUSTRIES

Kaolin Cosmetic Grade - D

Kaolin Grade	
Application	Cosmetic - D
Powder Brightness (%)	94±1
Colour Shade (on water Panel	Ultra White
Bulk Density (Gsm/Lit)	280-320
ph	5-7
%Thru 500 Mesh	99.99
Oil Absorption (Gm/100Gm)	55-65
Particle size Distribution (on Sedigraph 5100)	
D(50)M	1.0 m Max
% Below 10 Micron	95.0 Min
% Below 2 Micron	78-85
Chemical Composition	
SiO ₂ - Silica (%)	50-51
Al ₂ O ₃ - Aluminum Oxide (%)	44-45
Fe ₂ O ₃ - Ferric Oxide (%)	0.3-0.5
TiO ₂ - Titanium Oxide (%)	0.5-0.9
CaO - Calcium oxide (%)	0.05-0.1
MgO - Magnesium Oxide (%)	0.015
Na ₂ O - Sodium Oxide (%)	0.1
K ₂ O - Potassium Oxide (%)	0.06
Loss on Ignition (%)	0.5 Max

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