

Dolomite | HS Code: 2518 1000 | Chemical Name: Calcium Magnesium Carbonate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION					
S.No	Parameters	UOM	DL 9063	DL 9345	DL 9325
1	Whiteness (Y)	%	88- 92	91- 94	91- 94
2	Bulk Density- Loose	g/cc	0.8- 1.0	0.8- 1.0	0.7- 0.9
3	Moisture- 100 DC, 01 Hour	%	0.5 % Max	0.5 % Max	0.5 % Max
4	Oil Absorption Value	g/100g	20- 25	20- 25	21- 25
5	Retention- Wet Sieving	%	240 / < 2.0	325 / < 2.0	500 / < 2.0
CHEMICAL SPECIFICATION					
6	CaCO ₃	%	45- 55	45- 55	45- 55
7	MgCO ₃	%	35 - 45	35 - 45	35 - 45
8	pH (10% Suspension)	-	9.0- 10.5	9.0- 10.5	9.0- 10.5

Recommended Applications

- Home and Personal Care
- Glass Industry
- Construction
- Paint & Coatings
- Polymers
- Detergent
- Agriculture
- Rubber
- Ceramics

Packing Options

- 50 Kg Plastic Bags.
- Jumbo Bags - as per the client's request and subject to loading feasibility

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Head Office: Suit No.33, Ambassador Apartments, 61A Park Street, Kolkata - 700016, West Bengal, India.

Factory 1: Khasra No. 749/750, Village Bapi, Tensil & District Dausa - 303507, Rajasthan, India

Factory 2: N.H 148, Dausa, Manoharpur Road, Jamwa Ramgarh, Aandhi, Dist : Jaipur, Rajasthan - 303 001, India

Factory 3: Sindla Road, Village Nimbol, Tehsil : Jaitaran, Dist : Pali, Rajasthan - 303 308, India

Factory 4: Premnagar, Tehsil : Khimsar, Dist : Nagaur, Rajasthan - 341 025, India



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CaMag Pro C



Dolomite | HS Code: 2518 1000 | Chemical Name: Calcium Magnesium Carbonate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION								
S.No	Parameters	UOM	DL 945M	DL 935M	DL 924M	DL 895MC	DL 905MC	DL 904MC
1	Whiteness (Y)	%	92- 96	92- 94	92- 94	89- 90	88- 90	90- 92
2	Bulk Dnsity Loose	g/cc	0.55- 0.75	0.6- 0.8	0.5- 0.7	0.8- 1.0	0.8- 1.0	0.8- 1.0
3	Moisture- 100 DC, 01 Hour	%	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
4	Oil Absorption Value	g/100g	21- 30	21- 30	21- 30	11- 20	11- 20	11- 20
PARTICLE SIZE DISTRIBUTION (PSD)								
5	D-97 (Malvern)	Micron	16- 20	16- 20	10- 12	16- 20	16- 20	9- 11
6	D50 (Malvern)	Micron	4.0- 6.0	4.0- 6.0	3.0- 5.0	4.0- 6.0	4.0- 6.0	3.0- 5.0
7	Retention on Mesh, Wet Sieving	%	800/ Nil	800/ Nil	800/ Nil	800/ Nil	800/ Nil	800/ Nil
CHEMICAL SPECIFICATION								
8	CaCO3	%	45- 55	45- 55	45- 55	45- 55	45- 55	51- 60
9	MgCO3	%	35- 45	35- 45	31- 40	35- 45	40- 50	41- 50
10	pH (10% Suspension)	-	9.0- 11.0	9.0- 11.0	9.0- 11.0	9.0- 11.0	9.0- 11.0	9.0- 11.0
11	Coating %	%	Nil	Nil	Nil	0.9- 1.0	1.0- 1.2	0.9- 1.1

Recommended Applications

- Home and Personal Care
- Glass Industry
- Construction
- Paint & Coatings
- Polymers
- Detergent
- Ceramics
- Agriculture
- Rubber

Packing Options

- 50 Kg Plastic Bags.
- Jumbo Bags - as per the client's request and subject to loading feasibility

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Precipitated Calcium Carbonate HS Code: 2836 5000 | Chemical Name: Calcium Carbonate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION						
S.No	PARAMETERS	UOM	HCAL 11+	HCAL 11	HCAL 22+	HCAL 22
1	Assay Content	%	98 Min.	98 Min.	98 Min.	98 Min.
2	Whiteness Y	%	96- 98	95- 97	95- 97	94- 96
3	Untapped BD	g/cc	0.2- 0.3	0.2- 0.3	0.3- 0.5	0.4- 0.6
4	pH 10%	-	9.0- 10.5	9.0- 10.5	9.0- 10.5	9.0- 10.5
5	Moisture	%	< 0.75	< 0.75	< 0.75	< 0.75
6	Oil Absorption	ml/100gm	75- 85	71- 80	65- 75	61- 70
PARTICLE SIZE DISTRIBUTION (PSD)						
7	D50	Microns	2.0- 4.0	2.0- 4.0	4.0- 6.0	6.0- 8.0
8	D97	Microns	6.0- 10.0	6.0- 10.0	13- 17	15- 19
9	Residue on 325 #	%	< 0.5	< 0.5	< 0.5	< 0.5

Recommended Applications

- Home and Personal Care
- Paper
- Food
- Pharmaceuticals
- Footwear
- Paint & Coatings
- Plastic & Compounding
- Water Treatment
- Rubber
- Cosmetics
- Pipes & Water Tanks

Packing Options

- 25, 50 Kg Plastic Bags, 25 Kg Paper Bags
- Jumbo Bags - as per the client's request and subject to loading feasibility

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Talc | HS Code: 2526 2000 | Chemical Name: Hydrated Magnesium Silicate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION								
S.NO	Parameters	UOM	TA 9645	TA 9637	TA 9625	TA 9620	TA 9615	TA 9610
1	Whiteness (Konica Minolta)	%	95- 97	95- 97	95- 97	95- 97	95- 97	95- 97
2	Moisture	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
3	pH (10% Solution)	-	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5
4	Oil Absorption Value	g/100g	40- 50	40- 50	40- 50	40- 50	40- 50	40- 50
5	Bulk Density (Tapped)	g/cc	0.55- 0.65	0.50- 0.60	0.50- 0.60	0.48- 0.58	0.45- 0.55	0.40- 0.50
6	Wet Sieving/ Retention	%	325/ <0.5	400/ <0.5	500/ <0.5	625/ <0.5	800/ <0.5	800/ Nil
7	Loss On Ignition	%	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.
CHEMICAL SPECIFICATION								
8	SiO ₂	%	58 Min.	58 Min.	58 Min.	58 Min.	58 Min.	58 Min.
9	MgO	%	20 Min.	20 Min.	20 Min.	20 Min.	20 Min.	20 Min.
10	Al ₂ O ₃	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe ₂ O ₃	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
12	CaO	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
13	Solubility in HCl	%	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.

Recommended Applications

- Home and Personal Care
- Paint & Coatings
- Food
- Pharmaceuticals
- Oil Industry
- Paper
- Construction
- Plastic & Compounding
- Water Treatment
- Rubber
- Cosmetics
- Pipes & Water Tanks
- Fertilizer
- Wire & Cables

Packing Options

- 25, 50 Kg Plastic Bags, 25 & 30 Kg Paper Bags, 25 Kg Fibre Barrel / Drum.
- Jumbo Bags - as per the client's request and subject to loading feasibility.

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Talc | HS Code: 2526 2000 | Chemical Name: Hydrated Magnesium Silicate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION								
S.NO	Parameters	UOM	TB 9245	TB 9237	T B 9225	TB 9220	TB 9215	TB 9210
1	Whiteness (Konica Minolta)	%	91- 93	91- 93	91- 93	91- 93	91- 93	91- 93
2	Moisture Content	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
3	pH (10% Solution)	-	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5
4	Oil Absorption Value	g/100g	40- 50	40- 50	40- 50	40- 50	40- 50	40- 50
5	Bulk Density (Tapped)	g/cc	0.52- 0.58	0.50- 0.60	0.50- 0.60	0.45- 0.55	0.45- 0.55	0.40- 0.50
6	Wet Sieving/ Retention	%	325/ <0.5	400/ <0.5	500/ <0.5	625/ <0.5	800/ <0.5	800/ Nil
7	Loss On Ignition	%	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.	7.0 Max.
CHEMICAL SPECIFICATION								
8	SiO ₂	%	58 Min.	58 Min.	58 Min.	58 Min.	58 Min.	58 Min.
9	MgO	%	20 Min.	20 Min.	20 Min.	20 Min.	20 Min.	20 Min.
10	Al ₂ O ₃	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe ₂ O ₃	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
12	CaO	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
13	Solubility in HCl	%	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.

Recommended Applications

- Home and Personal Care ● Paint & Coatings ● Food ● Pharmaceuticals ● Oil Industry ● Paper ● Construction
- Plastic & Compounding ● Water Treatment ● Rubber ● Cosmetics ● Pipes & Water Tanks ● Fertilizer ● Wire & Cables

Packing Options

- 25, 50 Kg Plastic Bags, 25 & 30 Kg Paper Bags, 25 Kg Fibre Barrel / Drum.
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Snow Gloss



Talc | HS Code: 2526 2000 | Chemical Name: Hydrated Magnesium Silicate

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION								
S.NO	Parameters	UOM	TC 9525-A	TC 9520-N	TC 9237-N	TC 9237-N	TC 9325-B1	TC 9325-B2
1	Whiteness (Konica Minolta)	%	94- 96	94- 96	92- 94	91- 93	91- 94	91- 94
2	Moisture Content	%	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
3	pH (10% Solution)	-	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5	8.5- 9.5
4	Oil Absorption Value	g/100g	35- 45	30- 40	30- 40	30- 40	30- 40	30- 40
5	Bulk Density (Tapped)	g/cc	0.5- 0.6	0.5- 0.6	0.6- 0.7	0.6- 0.7	0.5- 0.6	0.6- 0.7
6	Wet Sieving/ Retention	%	500/ <0.5	625/ <0.5	500/ <0.5	400/ <0.5	500/ <0.5	500/ <0.5
7	Loss On Ignition	%	20 Max	30 Max.	30 Max.	30 Max.	20 Max.	25 Max.
CHEMICAL SPECIFICATION								
8	SiO ₂	%	40- 50	28- 32	28- 32	28- 32	40- 46	32- 40
9	MgO	%	20- 28	20- 28	20- 28	20- 28	20- 28	20- 28
10	Al ₂ O ₃	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe ₂ O ₃	%	1.5 Max.	1.5 Max.	1.5 Max.	1.5 Max.	1.5 Max.	1.5 Max.
12	CaO	%	6- 8	16- 20	16- 20	16- 20	6- 8	10- 14
13	Solubility in HCl	%	20- 25	50- 60	50- 60	50- 60	18- 25	30- 40

Recommended Applications

- Home and Personal Care
- Paint & Coatings
- Food
- Pharmaceuticals
- Oil Industry
- Paper
- Construction
- Plastic & Compounding
- Water Treatment
- Rubber
- Cosmetics
- Pipes & Water Tanks
- Fertilizer
- Wire & Cables

Packing Options

- 25, 50 Kg Plastic Bags, 25 & 30 Kg Paper Bags, 25 Kg Fibre Barrel / Drum.
- Jumbo Bags - as per the client's request and subject to loading feasibility.

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China Clay



HS Code: 2507 0029 | Chemical Name: Kaolinite / Kaolin

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION						
S.No	PARAMETERS	UOM	CC 8350	CC 9050	CC 9025	CC 8025J
1	Appearance	Visual Obsrvation	Fine White Free Flowing Powder			
2	Whiteness Y	%	81 - 84	89 - 91	89 - 91	79 - 81
3	Bulk Density, TAPPED	g/cc	0.7 - 0.9	0.8 - 1.0	0.5 - 0.7	0.4 - 0.6
4	Moisture, 100 DC, 01 Hour	g/cc	2.0 Max.	2.0 Max.	2.0 Max.	2.0 Max.
5	Oil Absorbtion Value	g/100g	32 - 40	31 - 40	41 - 50	38 - 42
6	Loss on Ignition	%	5.0 Max.	2.5 - 7.5	2.5 - 7.5	10 - 15'
7	Retention - Wet Sieving 300#	%	2.0 Max.	2.0 Max.	2.0 Max.	1.0 Max.
CHEMICAL SPECIFICATION						
8	pH, 10% Suspension	-	8 - 10'	9 - 10.5	7 - 9'	9 - 10.5
9	SiO2	%	55 - 60	56 - 61	56 - 61	42 - 44
10	Al2O3	%	20 - 25	29 - 31	29 - 31	38 - 40

Recommended Applications

- Porcelain & Chinaware
- Paint & Coatings
- Rubber
- Cement & Construction
- Electrical Insulators
- Ceramics

Packing Options

- 50 Kg Plastic Bags.
- Jumbo Bags - as per the client's request and subject to loading feasibility.

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Kaolin



HS Code: 2507 0029 | Chemical Name: Kaolinite / Kaolin

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION											
S.No.	Parameters	UOM	CALCINED KAOLIN				HYDROUS KAOLIN				
			CK 9311	CK 9310	CK 9609	CK 9607	HK 8615	HK 8715	HK 8713	HK 9009	
1	Appearance	Visual Observation	Fine, white, Free flowing powder								
2	Whiteness (Y)	%	92 - 94	92 - 94	95 - 97	95 - 97	85 - 87	86 - 88	86 - 88	89 - 91	
3	Bulk Density, TAPPED	g/cc	0.5 - 0.7	0.4 - 0.6	0.3 - 0.5	0.2 - 0.4	0.4 - 0.6	0.5 - 0.7	0.3 - 0.5	0.3 - 0.5	
4	Moisture Content, 100 DC, 01 Hour	%	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<2.0	
5	Oil Absorption Value	g/100g	61 - 65	75 - 80	85 - 90	85 - 90	44 - 48	45 - 50	51 - 55	55 - 60	
6	Loss On Ignition, 1150 DC, 01 Hour	%	<0.5	<0.5	<0.5	<0.5	12.0 - 14.0	11.0 - 13	12.0 - 14.0	13 - 15	
CHEMICAL SPECIFICATION											
7	pH, 5% Suspension	-	5 - 7'	5 - 7'	5 - 7'	5 - 7'	4 - 6'	4 - 6'	6 - 8'	7 - 9'	
8	SiO ₂	%	52 - 54	52 - 54	52 - 54	52 - 54	43 - 45	42 - 44	44 - 46	43 - 46	
9	Al ₂ O ₃	%	42 - 44	42 - 44	42 - 44	42 - 44	36 - 38	36 - 38	37 - 39	37 - 39	
10	Fe ₂ O ₃	%	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
PARTICLE SIZE DISTRIBUTION (PSD)											
11	D50 (Malvern)	Micron	2.5 - 3.0	2.5 - 3.0	2.1 - 2.5	1.8 - 2.3	3.1 - 3.5	3.0 - 3.4	2.1 - 2.5	2.1 - 2.5	
12	D97 (Malvern)	Micron	10 - 12'	9 - 11'	8 - 10'	6 - 8'	14 - 16'	14 - 16'	12 - 14'	8 - 10'	
13	Retention, Wet Sieving (500#)	%	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.2	Nil	

Recommended Applications

- Ceramics
- Paint & Coatings
- Rubber
- Pharmaceuticals
- Paper
- Cosmetics
- Sanitaryware
- Tiles

Packing Options

- 50 Kg Plastic Bags.
- Jumbo Bags - as per the client's request and subject to loading feasibility.

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Kalyani Mine Products Pvt. Ltd
Kalyani Calcium
Regent Minerals and Clays Pvt. Ltd.
Anushka Sterilisation Processing Pvt. Ltd.

+91 33 2226 8228
contact@htmcgroup.com
@htmcgroup.com



www.htmcgroup.com

HS Code: 25221000 | Chemical Name/Product Name: Calcium Hydroxide

TECHNICAL DATA SHEET

PHYSICAL SPECIFICATION								
S.No.	Parameters	UOM	HAL - 70	HAL - 80	HAL - 85	HAL - 90	HAL - 92	HAL - 95
1	Appearance	%	Fine, White free flowing powder. Free from Visual contamination					
2	Whiteness by Ref.	%	75.0 Min.	88.0 Min.	90.0 Min.	92.0 Min.	92.0 Min.	95.0 Min.
3	Moisture	g/ml	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
4	Mesh Size Available	#	100 / 200 / 325	100 / 200 / 325	100 / 200 / 325	100 / 200 / 325	100 / 200 / 325	100 / 200 / 325
5	Residue on 300 # mesh	%	7.0 Max.	5.0 Max.	3.0 Max.	2.0 Max.	1.0 Max.	1.0 Max.
CHEMICAL SPECIFICATION								
6	Assay as Ca(OH) ₂	%	70.0 Min	80.0 Min.	85.0 Min.	90.0 Min.	92.0 Min.	95.0 Min.
7	Assay as CaO	%	58.0 Min	60.0 Min.	64.0 Min	68.0 Min.	69 % Min.	69 % Min.
8	Acid insoluble Matter / SiO ₂	%	3.5 Max.	2.5 Max.	1.0 Max.	0.5 Max.	0.5 Max.	0.5 Max.
10	Alumina as Al ₂ O ₃	%	0.5 Max	0.3 Max.	0.3 Max.	0.3 Max.	0.2 Max	0.2 Max
11	Iron as Fe ₂ O ₃	%	1.0 Max.	0.5 Max.	0.3 Max.	0.2 Max.	0.1 Max.	0.1 Max.
12	pH	%	12 - 12.6	12 - 12.6	12 - 12.6	12 - 12.6	12 - 12.6	12 - 12.6

Recommended Applications / Industrial Use

- Chemicals
- Cement & Construction
- Flue Gas Treatment
- Water Treatment
- Metallurgy
- Pulp & Paper
- Food Processing
- Paint
- Pulp & Paper
- Sugar Production

Packing Options

- 50 Kg Plastic Bags.
- Jumbo Bags - as per the client's request and subject to loading feasibility.

Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described, including any warranty of suitability for a particular purpose



Head Office: Suit No.33, Ambassador Apartments, 61A Park Street, Kolkata - 700016, West Bengal, India.

Factory 1: Khasra No. 749/750, Village Bapi, Tensil & District Dausa - 303507, Rajasthan, India

Factory 2: N.H 148, Dausa, Manoharpur Road, Jamwa Ramgarh, Aandhi, Dist : Jaipur, Rajasthan - 303 001, India

Factory 3: Sindla Road, Village Nimbol, Tehsil : Jaitaran, Dist : Pali, Rajasthan - 303 308, India

Factory 4: Premnagar, Tehsil : Khimsar, Dist : Nagaur, Rajasthan - 341 025, India



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