

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 <sub>3</sub>	%	45- 55	45- 55	45- 55
7	MgCO <sub>3</sub>	%	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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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	CaCO <sub>3</sub>	%	45- 55	45- 55	45- 55	45- 55	45- 55	51- 60
9	MgCO <sub>3</sub>	%	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 <sub>2</sub>	%	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 <sub>2</sub> O <sub>3</sub>	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe <sub>2</sub> O <sub>3</sub>	%	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 <sub>2</sub>	%	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 <sub>2</sub> O <sub>3</sub>	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe <sub>2</sub> O <sub>3</sub>	%	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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# 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 <sub>2</sub>	%	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 <sub>2</sub> O <sub>3</sub>	%	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.	1.0 Max.
11	Fe <sub>2</sub> O <sub>3</sub>	%	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 Observation	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 <sub>2</sub>	%	52 - 54	52 - 54	52 - 54	52 - 54	43 - 45	42 - 44	44 - 46	43 - 46	
9	Al <sub>2</sub> O <sub>3</sub>	%	42 - 44	42 - 44	42 - 44	42 - 44	36 - 38	36 - 38	37 - 39	37 - 39	
10	Fe <sub>2</sub> O <sub>3</sub>	%	<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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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



### (HiTech Group of Companies)

HiTech Minerals and Chemicals  
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) <sub>2</sub>	%	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 <sub>2</sub>	%	3.5 Max.	2.5 Max.	1.0 Max.	0.5 Max.	0.5 Max.	0.5 Max.
10	Alumina as Al <sub>2</sub> O <sub>3</sub>	%	0.5 Max	0.3 Max.	0.3 Max.	0.3 Max.	0.2 Max	0.2 Max
11	Iron as Fe <sub>2</sub> O <sub>3</sub>	%	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.

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