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## COMPLETE RANGE OF BLENDING CLAY

### CHEMICAL PROPERTIES

NAME	E-85	BC-N25	UKRN2	BC-RV1
SiO2 (%)	45.0	53.32	54.38	54.73
Al2O3 (%)	<b>37.5</b>	31.44	31.32	30.53
Fe2O3 (%)	0.25	0.90	1.01	0.72
TiO2 (%)	0.60	1.02	0.71	0.50
MgO (%)	0.79	0.45	0.31	0.65
CaO (%)	0.90	0.98	0.80	0.88
Na2O (%)	0.80	0.23	0.89	0.67
K2O (%)	0.61	<b>1.68</b>	<b>1.34</b>	<b>1.65</b>
L.O.I. (%)	12.55	9.98	9.40	9.67

### PHYSICAL PROPERTIES

NAME	E-85	BC-N25	UKRN2	BC-RV1
Visual Appearance	Powder Lumps	Noodles	Grit	Grey Lumps
Particle Size (D50) μ	1 TO 2	2 TO 3	2 TO 3	2 TO 3
Water of Plasticity (%)	40.25	43.20	47.50	47.32
Green M.O.R. (Kg/Cm2)	N/A	15.20	25.12	26.32
Dry M.O.R. (Kg/Cm2)	N/A	50.55	48.32	55.47
Fired M.O.R. (Kg/Cm2)	N/A	330.70	380.12	390.12
Fired Shrinkage (%)	3-5	10-11.5	10-11	12-13
Fired Colour (100% Clay) Temp.1200-1210°C	L 95.04 A 1.15 B 3.11	L 82.41 A 1.44 B 12.32	L 84.33 A 1.10 B 12.51	L 85.00 A 1.50 B 16.36

## COMPLETE RANGE OF FELDSPAR

### CHEMICAL PROPERTIES

NAME	F-SK4	F-S7	F-K9	F-S9	QTZ-98
SiO2 (%)	69.45	69.60	67.05	68.55	<b>99.90</b>
Al2O3 (%)	18.62	18.39	19.20	18.09	Traces
Fe2O3 (%)	1.23	1.01	1.10	0.68	Traces
TiO2 (%)	0.35	0.61	0.28	0.39	Traces
MgO (%)	0.27	0.41	0.25	0.71	Traces
CaO (%)	1.05	0.91	0.75	0.57	Traces
Na2O (%)	<b>4.35</b>	<b>7.52</b>	<b>1.05</b>	<b>10.30</b>	Traces
K2O (%)	<b>4.68</b>	<b>0.54</b>	<b>9.38</b>	<b>0.11</b>	Traces
L.O.I. (%)	0.89	0.92	0.95	0.58	0.01

### PHYSICAL PROPERTIES

NAME	F-SK4	F-S7	F-K9	F-S9	QTZ-98
Particle Size mm	0 TO 5 MM	0 TO 5 MM	75 MICRON	75 MICRON	45
Residue on 240 #	N/A	N/A	2.0	2.0%	0.00
Fired Shrinkage (%)	12-14	13-14	12-13.50	13-14	N/A
Fired Colour (100% Clay) Temp.1200-1210°C	L 65 TO 70 A 5 TO 7 B 7 TO 8.5	L 65 TO 70 A 3 TO 5 B 8 TO 9	L 87.28 A 0.91 B 6.32	L 85.55 A 0.98 B 5.59	L 96.10 A 0.10 B 3.41

**Industries Served:** - Ceramics, Tableware & Pottery, Sanitary ware, Paint and Coatings, Rubber Industries, Cement Product, Paper Coating, Glass Product, Fertilizers, Plastic Product, Refractories, Foundry, Etc.

**Packaging** - Loose, 50 Kgs. Bag, Jumbo Bag



“To fulfill global needs with superior minerals, exceptional service, and trusted expertise.”

Founded in 2005 by two young visionaries Mr. Rajesh & Mr. Jignesh Jasapara, Jay Ganesh Minerals is now recognised as one of the leading minerals mining and export company. Earning more than 21 years of experience Mr. Rajesh, a trained professional from the Indian Bureau of Mines, brings deep expertise in industry minerals and raw materials, especially within the ceramic industry. Our operations span five mining sites in Rajasthan and Kutch, Gujarat, where we specialize in a wide variety of clay products. Among the clay that we supply, there is plastic clay, ball clay, white clay, WBC clay, china clay and processed clay. We also come up with Industrial Fuel like Indonesia Coal & Lignite Coal in the energy sector. With a combined annual production of 450,000 metric tons across all our mines, we ensure international standards are met through meticulous refining and processing.

## COMPLETE RANGE OF BALL CLAY

### CHEMICAL PROPERTIES

NAME	BC-80F	BC-SN1	BC-SS73	BC-JJ78
SiO2 (%)	55.35	48.95	50.12	51.70
Al2O3 (%)	28.22	<b>32.81</b>	30.27	29.10
Fe2O3 (%)	1.33	1.47	1.55	1.33
TiO2 (%)	1.45	1.78	1.92	1.42
MgO (%)	0.68	0.42	0.83	0.77
CaO (%)	0.95	0.81	1.18	1.20
Na2O (%)	0.42	0.34	0.75	0.83
K2O (%)	<b>1.25</b>	<b>1.03</b>	<b>1.88</b>	<b>1.90</b>
L.O.I. (%)	10.35	12.39	11.5	11.75

### PHYSICAL PROPERTIES

NAME	BC-80F	BC-SN1	BC-SS73	BC-JJ78
Visual Appearance	Cream lumps	Grey Lumps	Cream lumps	Cream lumps
Particle Size (D50) μ	2 TO 3	2 TO 3	2 TO 3	2 TO 3
Water of Plasticity (%)	33.54	41.00	42.32	45.34
Green M.O.R. (Kg / C m2)	15.23	20.15	20.65	17.65
Dry M.O.R. (Kg / C m2)	30.65	30.41	45.22	40.54
Fired M.O.R. (Kg / C m2)	190.20	286.34	340.54	290.12
Fired Shrinkage (%)	8.32	10-12	10-11	10-12
Fired Colour (100% Clay) Temp.1200-1210°C	L 81.07 A 1.71 B 17.2	L 79.34 A 3.26 B 20.91	L 74.59 A 1.69 B 17.51	L 78.37 A 0.97 B 14.01



## COMPLETE RANGE OF WHITE CLAY

### CHEMICAL PROPERTIES

NAME	WC-LM	WC-HM	WC-L82	BC-85G	BC-83C
SiO2 (%)	52.15	50.13	55.40	52.73	58.92
Al2O3 (%)	<b>31.90</b>	<b>33.46</b>	<b>30.58</b>	<b>32.37</b>	<b>25.35</b>
Fe2O3 (%)	0.65	0.68	0.98	1.05	0.62
TiO2 (%)	0.55	0.41	1.07	1.01	0.95
MgO (%)	0.70	0.79	0.65	0.55	0.76
CaO (%)	1.10	0.90	0.95	1.30	0.90
Na2O (%)	0.40	0.43	0.53	0.75	0.75
K2O (%)	<b>0.90</b>	<b>1.12</b>	<b>1.20</b>	<b>1.80</b>	<b>1.35</b>
L.O.I. (%)	11.65	12.08	8.64	8.44	10.4

### PHYSICAL PROPERTIES

NAME	WC-LM	WC-HM	WC-L82	BC-85G	BC-83C
Visual Appearance	White Lumps	White Lumps	Grey Lumps	Cream Lumps	Cream Lumps
Particle Size (D50) μ	2 TO 3	2 TO 3	2 TO 3	2 TO 3	2 TO 3
Water of Plasticity (%)	40.10	45.54	38.62	36.45	33.24
Green M.O.R. (Kg/Cm2)	10.43	15.34	20.15	17.32	12.42
Dry M.O.R. (Kg/Cm2)	25.12	40.21	35.34	30.23	25.23
Fired M.O.R. (Kg/Cm2)	190.34	293.81	330.32	285.13	220.14
Fired Shrinkage (%)	8-10	10-12	10-12	10-11	8-9
Fired Colour (100% Clay) Temp.1200-1210°C	L <b>92.48</b> A 0.13 B 8.75	L <b>88.50</b> A 0.20 B 12.45	L <b>87.69</b> A 1.33 B 14.25	L 85.25 A 1.50 B 16.2	L 83.55 A 0.95 B 15.7



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