

## Raw Kaolin / Kaolin Crude

### PRODUCT SPECIFICATION

GRADE NAME	RK 65	RK 55	RK 20	RK 80
Application	Sanitary Ware	Ceramics Glaze	Ceramics Vittrified	Refractory
Recovery (%)	65±5	55±5	20±5	80±5
Powder Br (%) W/o Process	68±2	75±2	82±2	68±2
Moisture (%)	10% Max	10% Max	10% Max	10% Max
Colour Shade	Dark Reddish	Creamish Yellow	White	Reddish
After Lavigation Process Br (%)	69±1	76±2	83±1	N/A
After Firing Process Br (%)	83±1	87±2	92±2	85±1
Plasticity	Very Good	Good	Good	Very Good
% SiO <sub>2</sub>	46-48	45-47	48-50	48-49
% Al <sub>2</sub> O <sub>3</sub>	34-38	35-37	34-36	36-40
% TiO <sub>2</sub>	1.5	1.2	0.8	1 - 2.5
% Fe <sub>2</sub> O <sub>3</sub>	1	0.8	0.5	1 - 2.5
% CaO	0.5	0.4	0.3	0.5
% MgO	0.2	0.1	0.2	0.2
% Na <sub>2</sub> O	0.2	0.2	0.2	0.2
% K <sub>2</sub> O	0.2	0.2	0.2	0.2
% L.O.I.	10~12	10~12	10~12	11~13