

## Levi gated China Clay Lumps

### PRODUCT SPECIFICATION

GRADE NAME	LK 82	LK 84	LK 86	LK 90	LK 92
Application	Filler, Paper Pre Coating, Rubber, Detergent Soap & Many More				
Slaking Nature	Very Good	Very Good	Very Good	Very Good	Very Good
Moisture (%)	8% Max	8% Max	8% Max	8% Max	8% Max
Specific Gravity	2.62	2.62	2.62	2.62	2.62
Wet to Dry Shrinkage	4~5	3~4	3~4	3~4	3~4
Wet to Fired Shrinkage	13-15	12-14	12-14	12-14	12-14
Dry M.O.R. Kg/Cm2	3~5	4.5-5.5	5~6	5~6	5~6
Fired M.O.R. Kg/Cm2	50-52	54-55	55-57	55-57	55-57
Grit Content (350#)	2.0% Max	1.0% Max	1.0% Max	1.0% Max	1.0% Max
Firing Colour	Prinkish Cream	Prinkish Cream	Crimish	White	Pure White
Firing Whiteness (%)	82±1	84±1	86±1	90±1	92±1
Electrolyte Demand	1.5	N/A	N/A	N/A	N/A

### CHEMICAL COMPOSITION

% SiO <sub>2</sub>	45-47	45-47	44-36	44-46	43-45
% Al <sub>2</sub> O <sub>3</sub>	35-36	35-36	36-37	36-38	37-38
% Fe <sub>2</sub> O <sub>3</sub>	1.0%	1.0%	0.7%	0.5%	0.5%
% TiO <sub>2</sub>	1.5%	1.0%	0.8%	0.6%	0.5%
% CaO	0.7%	0.7%	0.6%	0.5%	0.3%
% MgO	0.5%	0.5%	0.5%	0.4%	0.3%
% Na <sub>2</sub> O	0.4%	0.4%	0.4%	0.3%	0.2%
% K <sub>2</sub> O	0.3%	0.3%	0.3%	0.3%	0.1%
% L.O.I.	11~13	12~14	12~14	12~14	13~14