



# BBC MINES AND MINERALS

V/P - Indawar, Merta City, Nagaur  
Rajasthan, INDIA 341510  
+919929645421  
+919672454158  
admin@bbcminesandminerals.com

www.bbcmines.com

## KD1

Physical Properties	
Shrinkage%	8.25
Loss on Ignition%	12.33
Dry M.O.R kg/cm <sup>2</sup>	28.9
Fired M.O.R kg/cm <sup>2</sup>	230.2
Water Absorption%	9.78
Water of Plasticity%	36.6
T.D.S	712
Residue(240#%2Minute Grinding)	0.45
L*	88.63
a*	1.48
b*	9.36
Whiteness	73.59
Temperature C	1196/1206
Cycle Min.	60
Chemical Properties	
SiO <sub>2</sub> %	48.62
Al <sub>2</sub> O <sub>3</sub> %	34.23
Fe <sub>2</sub> O <sub>3</sub> %	0.85
TiO <sub>2</sub> %	1.04
CaO%	0.31
MgO%	0.62
K <sub>2</sub> O%	0.97
Na <sub>2</sub> O%	0.23

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