

## CeraPlast Ball Clay

Parameters	Unit	CeraPlast	Specifications	Method Used for Analysis
		Typical Values		
SiO <sub>2</sub>	% wt/wt	56.51	55 ± 2	IKC/ACC/INS22/WDXRF (Chemical analysis by WDXRF)
Al <sub>2</sub> O <sub>3</sub>		28.13	27 min	
Fe <sub>2</sub> O <sub>3</sub>		1.59	1.8 max	
TiO <sub>2</sub>		2.34	2.5 max	
CaO		0.78	1 max	
K <sub>2</sub> O		0.93	1.5 max	
Loss on Ignition (LOI)	% wt/wt	9.77	10 ± 2	As per IS 12107 (Part-1) 1987
Moisture	%	9.5	12 max	In house IKC-WMT-KL-014
Water Absorption @1185 <sup>0</sup> C-30min.	%	4.2	6 ± 1	In house IKC-WMT-KL-012
Fired MOR @1185 <sup>0</sup> C-30min	%	207	180 min	In house IKC-WMT-KL-09
L Value @1185 <sup>0</sup> C-30min		78.81	72 min	In house IKC-WMT-KL-03
Size	mm	50	150 max	

### Applications:

**Ceramic Tiles and Sanitaryware**