

## CeraPlast - Premium grade

Parameters	Unit	CeraPlast- Premium	Specifications	Method Used for Analysis
		Typical Values		
SiO <sub>2</sub>	% wt/wt	54.51	53 ± 2	IKC/ACC/INS22/WDXRF (Chemical analysis by WDXRF)
Al <sub>2</sub> O <sub>3</sub>		28.13	28 min	
Fe <sub>2</sub> O <sub>3</sub>		1.62	1.8 ± 0.2	
TiO <sub>2</sub>		2.34	2.0 ± 0.5	
CaO		0.56	0.75 max	
K <sub>2</sub> O		0.95	1.0 ± 0.5	
Loss on Ignition (LOI)	% wt/wt	11.2	10 ± 2	As per IS 12107 (Part-1) 1987
Moisture	%	5.8	8 max	In house IKC-WMT-KL-014
Water Absorption @1185 <sup>0</sup> C-30min	%	3.75	4 ± 1	In house IKC-WMT-KL-012
Fired MOR @1185 <sup>0</sup> C-30min	%	212	200 min	In house IKC-WMT-KL-09
L Value @1185 <sup>0</sup> C-30min		78.8	75 min	In house IKC-WMT-KL-03
Shrinkage @1185 <sup>0</sup> C-30min	%	10.23	10 ± 2	In house IKC-WMT-KL-04
Size	mm	50	150 max	

### Applications:

### Ceramic Tiles and Sanitaryware