

Hydrous Kaolin (Powder)

K99C (Ceramic Grade)

Edition: Rev G 25.08.2017

Chemical Property**	Value (%)
*SiO ₂	46.5
Al ₂ O ₃	39.6
Fe ₂ O ₃	0.08
CaO	0.00
MgO	0.01
K ₂ O	0.25
Na ₂ O	0.02
TiO ₂	0.15
MnO	0.00
SO ₃	0.06
P ₂ O ₅	0.01
Cl	<0.01
Ig. Loss	13.2

pH	6.1	Moisture	1.0±1%			
Pre-Fired ISO Brightness	88.0	Bulk Density (gm/cc)	0.6			
Fired ISO Brightness	>90.0	Oil Absorption (gm oil/100gm)	57.7			
Particle Size Distribution (Sedigraph %)						
>45µm	<20µm	<10µm	<5µm	<2µm	<1µm	<0.5µm
0.1	98	95	82	57	36	16

The above data are typical average data for the product and should not be treated as absolute specification.

*Total Silica – could include traces of free silica.

**XRF Analysis was performed by external service provider Bureau Veritas Mineral Pty Ltd Perth on K99C Production B/N B0239C.

***Trace Element analyses also available on request.

Country of Origin: Australia