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ISO 9001-2000
REGISTERED

CHAMPION CLAY HARD CLAY

Southeastern Champion is a high quality, air floated sedimentary hard kaolin clay. Strict attention to production and quality control measures assure a high degree of uniformity.

TYPICAL PHYSICAL PROPERTIES

Screen Residue	0.25% Maximum on a 325 Mesh Screen
Free Moisture	Less than 1%
Specific Gravity	2.60
Color	Light Cream
Acidity of Clay (pH)	4.75 ± .75
Particle Size	92% finer than 2 microns
Ignition Loss	14% ± 1.0%
Surface – Mean Diameter	
By Air – Permation Test	0.6 Microns
Oil Absorption	36ml Oil/100gm Clay ± 6ml

QUANTITATIVE ANALYSIS

Silica (SiO ₂)	43.2 – 44.5%
Aluminum Oxide (Al ₂ O ₃)	38.5 – 39.5%
Iron Oxide (as Fe ₂ O ₃)	1.44 – 1.78%
Titanium Dioxide (TiO ₂)	1.00 – 2.00%
Manganese Oxide (MnO ₂)	None
Magnesium Oxide (MgO)	Faint Trace
Calcium Oxide (CaO)	Faint Trace
Potassium Oxide (K ₂ O)	Faint Trace
Sodium Oxide (Na ₂ O)	Faint Trace

RECOMMENDED APPLICATIONS

Kaolin clays are chemically inert and are very effective fillers/extenders in a variety of industrial applications such as rubber compounds, plastics, paints, adhesives, roofing granules, ceramics, paper fillers and coatings just to name a few. Champion Clay is ideal for use in rubber compounds and plastics where fineness and color consistency are important.

Champion Clay is manufactured by Southeastern Clay Company

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