



PK-100

PK- 100 is a high quality air floated sedimentary hard kaolin clay. Strict attention to production and quality measures assure a high degree of uniformity.

Production Specifications

Screen Residue	0.25% max—325 mesh (sluny)	LA-LM-01
Moisture@ 105°C	1.0% max	LA-LM-02

Typical Physical Properties

Type	Kaolin (Hydrous aluminum silicate)	
G.E. Brightness	72 ~ 76%	
Oil Absorption	35 - 40%	
Appearance	Light Cream Powder	
Density	28 - 30 lbs/ ft3 (loose)	LA-LM-08
pH	4.5 - 5.5 (10% by weight in solution)	LA-LM-05
Water of Plasticity	25.4%	
Specific Gravity	2.6	
Particle Size Distribution	92% minus 2 microns	LA-LM-06
Median Size	0.3 micron	LA-LM-06

Typical Chemical Analysis

Element	Weight %
SiO ₂	44.30
Al ₂ O ₃	37.90
Fe ₂ O ₃	1.20
TiO ₂	1.60
CaO	0.09
MgO	0.13
Na ₂ O	0.04
K ₂ O	0.15
Loss on Ignition (955°C)	14.00

*All of the above information provided is presented in good faith, based on our testing and experience, and believed to be accurate. No guarantee, either expressed or implied, is made with respect to the infringement for any patent. These values represent typical data from the samples taken from the production batches. They are not to be considered specification. Results may vary depending upon equipment and procedures. The user of these materials is responsible for determining its suitability for their application

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