

CKC-294**Technical Datasheet**

Chemical Name	CLAY KAOLIN CALCINED	
Grade Name	CKC-294	
CAS No.	1332-58-7	
HS Code	25070090	
EINECS No.	310-194-1	
Molecular Formula	Al ₂ O ₂ (SiO ₂) ₂ ?2H ₂ O	
Synonyms	<ul style="list-style-type: none"> • NANOCCLAY • CALCINED ORGANO CLAY • ALUMINIUM SILICATE 	
TEST	SPECIFICATION	METHOD
Whiteness	94%	Whiteness Meter
Oil Absorption (g/100g)	62.12	Spatula Rub-Out
Particle Size, -2 micron meter	84	Particle Size Analyzer
Particle size Residue on 325 mesh %	< 0.0018	Sieve Analysis
Dispersion, Micron meter	55	D4647/D4647M
% SiO ₂	51.99	XRF / AAS / ICP
% Al ₂ O ₃	44.67	XRF / AAS / ICP
% Fe ₂ O ₃	0.35	XRF / AAS / ICP
% TiO ₂	1.15	XRF / AAS / ICP

Product Information:

- It is used as a filler for thermoplastics. It produces smooth surface finishing, low water absorption and chemical weathering resistance. It is used as anti-blocking agent in PE and PET films. It produces moldings with good coloration, zero shrinkage, and high gloss. It is used as infra-red absorber in agricultural film. It has fine particle size with controlled distribution range. It is very easy to disperse.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Kaolin Clay is registered in food contact applications by US FDA.

Title: 21.Food And Drugs

Chapter: I-Food And Drug Administration Department Of Health And Human Services.

Subchapter: B-Food For Human Consumption (Continued).

Part: 186-Indirect Food Substances Affirmed As Generally Recognized As Safe.

Subpart: B-Listing of Specific Substances Affirmed as GRAS.

Section: 186.1256-Clay (kaolin).

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.