

MCKC10	Technical Datasheet
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Chemical Name	CLAY KAOLIN CALCINED
Grade Name	MCKC10
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	• NANOCCLAY • CALCINED ORGANO CLAY • KAOLINITE

TEST	SPECIFICATION	METHOD
% Aluminium	Max 38	AAS
% Silicon	Max 45	XRF
% Iron	Max 0.5	AAS
Oil Absorption (g/100g)	35-40	Spatula Rub-Out
Whiteness %	Min 90	Colorimeter/Spectrophotometer/Whiteness meter
Residue on Ignition /Residue Ash %	Max 15	Thermogravimetry
Particle size D95-100 Microns	Max 2	Particle Size Analyzer (Wet method)
pH (1% Solution)	5-8	pH Meter
Whiteness %	Minimum 91	Colorimeter/Spectrophotometer/Whiteness meter
Oil Absorption (g/100g)	45-55	Spatula Rub-Out
pH (1% Solution)	6-8	pH Meter
Moisture %	Maximum 1	Oven drying at 105 Deg (3-12) hours.
Particle Size D50 Microns	Maximum 2	Particle Size Analyzer (Wet Method)
Particle Size D97 Microns	Maximum 10	Particle Size Analyzer (Wet Method)

Product Information:

- CKC-PREMIUM BRIGHT is used as a filler for thermoplastics.
- CKC-PREMIUM BRIGHT produces smooth surface finishing, low water absorption and chemical weathering resistance.
- CKC-PREMIUM BRIGHT is used as anti-blocking agent in PE and PET films.
- CKC-PREMIUM BRIGHT produces moldings with good coloration, zero shrinkage, and high gloss.
- CKC-PREMIUM BRIGHT is used as infra-red absorber in agricultural film.
- CKC-PREMIUM BRIGHT has fine particle size with controlled distribution range.
- CKC-PREMIUM BRIGHT is very easy to disperse.
- CKC-PREMIUM BRIGHT has Low residue on 325 mesh.
- CKC-PREMIUM BRIGHT has Premium brightness.
- CKC-PREMIUM BRIGHT is excellent extender for titanium dioxide.
- CKC-PREMIUM BRIGHT is widely applied in latex paint, powder coatings.

Polymer Add (Thailand) Co; Ltd.

**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.