

Putulin G8 Calcined Kaolin

INCI Name: Kaolin

The coal measure calcined kaolin, which is unique in China, is produced by dry grinding, wet grinding and then high temperature calcination. Natural small particle size flake porous structure, large specific surface area, strong adsorption, strong suspension performance, high whiteness, strong hiding power, partial replacement of titanium dioxide, reduce costs. Microlamellar wet grinding removes interlayer impurities, and heavy metals are lower and safer. High thermal stability, acid and alkali resistance, stable physical and chemical properties. Surface hydrophobic modification, compatibility with high polymer composites, excellent dispersion effect.

Physical and chemical properties:

Appearance: (Visual inspection)	White powder
Al ₂ O ₃ (%):	≥43.0
SiO ₂ (%):	≥52.0
Particle size (325 mesh sieve allowance %) :	<0.7
Whiteness(%):	≥88
Loss on drying(%):	≤1.0
pH:	5.5-8.0
Oil absorption (ml/100g)	40-75

Product features and main applications:

Product features:

1. SiO₂≥52%, Al₂O₃≥43%, high purity, almost no harmful substances, can be used in high demand products.
2. High whiteness, fine particles, good hiding power, replacing part of titanium dioxide to reduce product costs, the use of paint can improve the weather resistance of paint, scrub resistance.
3. Low dielectric constant, chemical inertness, thermal stability, wear resistance, very suitable for wire and cable Packing.
4. The surface is porous, larger than the surface, good dispersion and suspension, and good anti-sinking effect.
5. There are also surface lipophilic modified products, which have excellent dispersion effect in resin and organic polymer polymerization.

Main applications:

- ◆ Paint, ink
- ◆ Papermaking
- ◆ Rubber, engineering plastics
- ◆ Wire and cable
- ◆ Ceramic Frit

Storage information:

Manufacture area:	China
Packing:	25 kg/barrel
Storage:	Sealed, storage in cool and avoid light region
Shelf life:	3 years

Date:2023/11/21