

Ink & Paint Grade Gilsonite

Technical Data Sheet (TDS) / Product Specification

Ink and paint grade gilsonite is selected for low ash and high solubility. Dissolved in oils or solvents it gives deep black colour, gloss, pigment wetting and water and chemical resistance in printing inks, enamels, primers and protective coatings.



1. Typical properties

Property	Typical value	Test method
Appearance	Dark brown-black powder	Visual
Softening point (R&B)	150 – 180 °C	ASTM D36
Ash content, max	3 %	ASTM D3174
Moisture, max	1 %	ASTM D95
Solubility in toluene, min	99 %	ASTM D2042
Particle size	200 – 600 mesh	Sieve

Typical values for guidance. The binding specification for each lot is stated in the Certificate of Analysis (COA).

2. Key benefits

- Deep black colour and gloss
- Excellent carbon black wetting
- Low ash for clean films
- Partial replacement of costly resins

3. Applications

- News and offset inks
- Black enamels and japans
- Anti-corrosion primers
- Wood stains

4. Recommended dosage

Ink varnish: 20–40 % in oil. Final dosage should be confirmed by laboratory or field trials under actual conditions.

5. Packing and storage

Packing	25 kg paper bags with PE liner, palletized.
Storage	Store in a dry, covered and well-ventilated area on pallets, away from heat and ignition sources. Keep bags closed.
Shelf life	At least 12 months in original packing.

6. Quality and documents

Each shipment is supplied with COA, TDS and MSDS. Third-party inspection (e.g. SGS) can be arranged on request.

Disclaimer: The information in this data sheet is based on our current knowledge and is given in good faith. It does not constitute a warranty of suitability for a particular purpose. Users should determine suitability through their own tests.

Prepared by	Approved by	Company stamp
BASEKIM Quality Control Laboratory Date: 2026-10-03	Sun Gilsonite Technical Team, BASEKIM Date: 2026-10-03	APPROVED Sun Gilsonite by BASEKIM Quality Control