

Micronized Gilsonite

Technical Data Sheet (TDS) / Product Specification

Micronized gilsonite is ground to 300–600 mesh with low ash content. Its fine particle size gives fast dissolution in oils and solvents and smooth dispersion in coatings, inks, rubber and plastics.



1. Typical properties

Property	Typical value	Test method
Appearance	Dark brown fine powder	Visual
Particle size	300 – 600 mesh	Laser / sieve
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
Specific gravity @ 25°C	1.04 – 1.06	ASTM D70

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

2. Key benefits

- Very fine 300–600 mesh
- Low ash ($\leq 3\%$)
- Fast dissolution in oils and solvents
- Smooth, grit-free films

3. Applications

- Printing inks
- Paints and coatings
- Rubber and plastics
- Foundry coatings

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 multi-wall 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