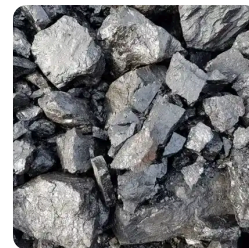


Gilsonite Granular

Technical Data Sheet (TDS) / Product Specification

Granular gilsonite is crushed and screened to a controlled 1–5 mm size. It flows well, produces little dust and dissolves quickly in hot bitumen or in the asphalt mixer, which makes it the preferred form for dry-process addition at asphalt plants.



1. Typical properties

Property	Typical value	Test method
Appearance	Black granules	Visual
Particle size	1 – 5 mm	Sieve
Softening point (R&B)	150 – 200 °C	ASTM D36
Ash content, max	8 %	ASTM D3174
Moisture, max	1 %	ASTM D95
Solubility in toluene, min	95 %	ASTM D2042
Specific gravity @ 25°C	1.04 – 1.10	ASTM D70

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

2. Key benefits

- Low dust compared with fine powder
- Free-flowing for automatic feeders
- Fast dissolution in hot mixes
- Consistent size distribution

3. Applications

- Dry-process asphalt modification
- Foundry sand (controlled gas release)
- Industrial blending
- Briquetting

4. Recommended dosage

Asphalt: 4–12 % by weight of binder.. Final dosage should be confirmed by laboratory or field trials under actual conditions.

5. Packing and storage

Packing	25 kg PP bags palletized, or 1 MT jumbo bags; 20–22 MT per 20ft container.
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