



Gilsonite Specification

Property	Specification	Test Method
Appearance	Black Powder / Granules	Visual
Softening Point	160–220 °C	ASTM E28
Ash Content	Max. 5%	ASTM D271
Moisture Content	Max. 1.5%	—
Penetration @ 25°C	0–2 dmm	ASTM D5
Specific Gravity	1.04–1.10	ASTM D70
Sulfur Content	0.3–6%	ASTM
Fixed Carbon	Min. 15–20%	ASTM
Volatile Matter	70–85%	ASTM D271
Flash Point	Min. 300 °C	ASTM D92
Color	Black	Visual
Solubility in Water	Insoluble	—
Solubility in Aromatic Solvents	Soluble	—

Gilsonite specifications vary substantially by **origin and application**. For example, commercial road-modification grades are commonly reported with softening points around **165–220°C**, moisture below **1.5%**, penetration of **0–2**, and specific gravity around **1.04**.

Typical Particle Size

Grade	Particle Size
Powder	200 Mesh
Fine Powder	300 Mesh
Granular	0–5 mm
Lump	5–25 mm
Customized	As per buyer requirement

For **oil & gas / drilling applications**, higher-softening-point grades are also available, including approximately **185–220°C**, **220–250°C**, and **250–270°C**, depending on the required fluid-loss-control performance.

For your **website product specification**, I would recommend using **Softening Point 160–220°C**, **Ash Max. 5%**, **Moisture Max. 1.5%**, and **200 Mesh** as the main commercial grade unless your actual COA has different values.