



TECHNICAL DATA SHEET (TDS) — Gilsonite

Product Name: Gilsonite (Natural Hydrocarbon Resin)

Supplier: Basekim Kimyasal Ürünler LTD, Turkey

Product Description

Natural hydrocarbon solid resin (“gilsonite”) that acts as a binder, modifier and additive. Enhances hardness, high temperature stability, waterproofing, binding, resinous behavior. Provided in different grades (powder, lump, etc.).

Typical Applications

- Asphalt modification (to increase softening point, reduce penetration)
- Drilling fluids (fluid loss control)
- Foundry cores and binders
- Inks, paints, coatings (as carrier or modifier)
- Waterproofing sealants, adhesives

Typical Physical & Performance Properties

Property	Value / Range (Typical)
Softening Point	~180-220 °C
Specific Gravity	~1.04-1.10 g/cm ³
Moisture Content	≤ ~1-3%
Ash Content	≤ ~1-3%
Particle Size / Grade	Lump, powder, fine / coarse grades (mesh or micron specs depend on grade)
Odor	Very mild
Solubility	Insoluble in water
Flash Point (if heated)	~300-320 °C



Packaging

- Supplied in 25 kg bags, jumbo bags (1 ton), or bulk depending on customer requirement
- Store in sealed, clean packaging to prevent contamination and moisture ingress