



# BARITE FACT SHEET

Barite (Barium Sulfate,  $BaSO_4$ ) is a high-density mineral with several industrial applications.



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# Pakistan Landscape

Pakistan has substantial barite reserves estimated to be over 14 million tons reserve, primarily concentrated in the region of Baluchistan.

Pakistan is among the leading producers of barite in South Asia; exporting barite to markets such as the Middle East, China and the USA.



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# General Application



## Oil and Gas Industry

Used as a drilling mud additive in oil and gas exploration to increase mud density, preventing well blowouts.



## Paints and Coatings

Serves as a filler and extender in high-quality paints to improve durability and resistance to chemicals.



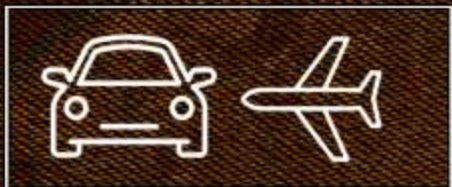
## Medical and Pharmaceuticals

Used as a radiopaque agent in X-ray imaging and CT scans for gastrointestinal tract examinations.



## Plastics and Rubber

Acts as a filler in rubber and plastic products to improve strength, resistance, and soundproofing.



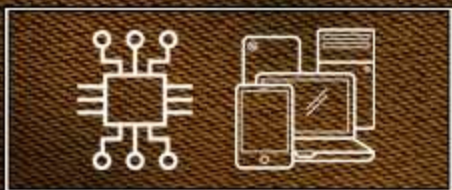
## Automotive and Aerospace

Found in friction products like brake pads and clutch plates for enhanced performance.



## Paper Industry

Used as a coating material in high-quality paper to improve whiteness and smoothness.



## Electronics

Utilized in the manufacturing of barium-based semi-conductors.

