



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

## Technical Data Sheet of Barite 4.20 API 13 A

NO	Density	4.20 gr/cm3 Min
1	Water Soluble Alkaline Earth as Calcium	250 mg/kg Max
2	Residue Greater Than 75 Micrometers	3.0 wt. Max
3	Particles Less Than 6 Micrometers in Equivalent Spherical Diameter	30 wt. Max
4	Packing	1 & 1.5 MT Big Bag or Bulk
5	Uses	As Weighting in Drilling Fluid

### Benefits of Using Drilling Grade Barite Powder

- **Control Over Wellbore Pressure :**  
- By increasing the fluid density, barite helps in maintaining the necessary pressure to counteract the pressures of the formation, which is crucial for safe drilling operations.
- **Improved Drilling Efficiency :**  
- The use of barite improves the overall efficiency of the drilling process by ensuring the proper removal of cuttings and preventing wellbore instability.
- **Versatility :**  
- Barite is compatible with both water-based and oil-based drilling fluids, making it versatile for various drilling conditions and environments.
- **Cost-Effectiveness :**  
- Due to its effectiveness in increasing fluid density and controlling pressures, barite can reduce the need for other more expensive additives, leading to cost savings in drilling operations.



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