



Product Information: *ExWATE - Barite*

Excalibar Minerals' ExWATE Barite product is manufactured from a high quality natural barium sulfate ore. Strict quality control during manufacture results in a consistent product that is used in all phases of oil and gas exploration. ExWATE is chemically inert to all drilling fluid additives and is applicable to all drilling fluids for purposes of increasing density.

Physical and Chemical Specifications

Requirement	Specification
Density	4.10 g/cm ³ , minimum
Water Soluble Alkaline Earth Metals as Calcium	250 mg/kg, maximum
Residue greater than 75 micrometers	3.0 wt. percent, maximum
Particles less than 6 micrometers in equivalent spherical diameter	30 wt. percent, maximum

Typical Physical Properties

	ExBAR
% Passing 200 Mesh	98.0
Median Particle Size, μ	15.0
Top Size, μ	80
Specific Gravity	4.1
pH	8.0
Moisture, %	0.1
Bulk Density, lb/cu ft	
Loose	91
Packed	147

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