

TECHNICAL DATA SHEET

Bentonite

Note: Bentonite is a versatile clay material renowned for its exceptional absorbent and swelling properties. This natural clay is derived from volcanic ash and is commonly used in various industrial, environmental, and cosmetic applications. Its ability to absorb water and bind with impurities makes it ideal for applications such as drilling fluids, cat litter, sealing ponds, and as a binding agent in foundry sands. Bentonite offers excellent rheological properties, stability, and environmental compatibility, making it a valuable resource across multiple industries.

PHYSICAL ANALYSIS		
No	Specification	Result
1	600 RPM	Minimum 35
2	Plastic Viscosity	Minimum 7
3	Ratio (Yield Point/ Plastic viscosity)	3
4	Filtrate Vol.	12.5-13
5	Residue of Diameter Greater than 200 Mesh (%)	Maximum 4
6	Percentage of Moisture (%)	8-10