

**TECHNICAL DATA SHEET**
**PRODUCT NAME – ONYBENT**
**GRADE**
**Bentonite Construction Grade**

PARTICULAR	ACTUAL	RESULT
VISCOSITY 600 RPM	30 MIN	40
YP/PV RATIO	3 MAX	2
PLASTIC VISCOSITY	10	10
WATER LOSS	15 MAX	14.5
WET SCREEN ANALYSIS RESIDUE > 75 MICRON	4 % MAX	2.5
MOISTURE	12% MAX	11.5
MARSH FUNNEL VISCOSITY	40 MIN	50
FREE SWIELLING VALUE	20 MIN	22
PARTICAL SIZE 200 MESH	80 MIN	82
BULK DENSITY (LBS/FT3)	52 +- 3	55
SPECIFIC GRAVITY	2.55 + 01	2.5
Ph (5% SUSPENSION)	9 MIN	10

**CHEMICAL ANALYSIS**

SiO <sub>2</sub>	55 to 65 %
Al <sub>2</sub> O <sub>3</sub>	15 to 20 %
Fe <sub>2</sub> O <sub>3</sub>	3 to 3.5 %
Na <sub>2</sub> O	2 to 2.95 %
MgO	1 to 1.95 %
CaO	0.5 to 1.05%
LO	4 to 7

**INDIA | UAE | USA**