

# LAXMI MINERALS

## MFG OF Sodium Bentonite

Date : 01/11/2015

To,  
M/s.

Sub : Introducing **BENTOROCK** – a new product of LAXMI GROUP

Dear sir,

Today we are very happy to introduce our new product of Sodium Bentonite Powder namely "BENTOROCK". This quality is mainly for more strength & low consumption of Bentonite. As we all know Sodium Bentonite is use in Foundry like Steel, Iron & CI casting and also for Iron Ore Pellets as a Primary Binder. After long research & Well experience of our partner Mr.N.N.Sanghvi (National Awarded) we had added 2 more Tonics in Bentonite and made this grade. We are glad to inform you that we are success in Iron Ore Pellets. Now we are introducing the same for Foundry.

Benefits :

- Highest Strength.
- Almost **40% reduce Bentonite Consumption** depend on castings
- Very High Green Compression Strength
- Reducing Sio2 and Al2O3 it is very good for casting.
- Fast Gelling Time.
- Very high wet tensile strength.
- Good Permeability.

Reg. Office Address : Bunder Road, Above Harish Transport, Mandvi –Kutch 370465

Factory Address : Durgapur G.I.D.C. Mandvi –Kutch

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“BENTOROCK” Specification & Result :

No.	Paramiters	Specification	Result
1.	pH value	9.5 to 11	9.8
2.	Free Swelling Capacity	26 to 34	32
3.	Gelling time	Instant	Instant (Fastest)
4.	Green Compression Strength	15 to 18	18.2
5.	Liquid Limit	750 to 780	725
6.	Mesh size	75 to 85	80
7.	Moisture	12 to 15	14
8.	Al <sub>2</sub> O <sub>3</sub>	8 to 12	8.5
9.	M.B.Value	400 to 440	430
10.	Montmorillonite	90 to 99	98
11.	Gel Index	80 to 95	88
12.	Wet Tensile Strength (Kg/cm <sup>2</sup> )	18 to 28	28.5

Notes : For maintained the said quality we have to process three times by using different type of chemicals.

We request you kindly to use the said quality Bentonite in floor Test for your approval.

Thanks & Regards,  
Hardik N. Sanghvi  
09898 381824

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(R&D Dept.)

Visit us : [www.laxmiminerals.com](http://www.laxmiminerals.com)

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