

Technical Data Sheet

PELLET-MAKER™

Product Name: Pellet-Maker™

General Description: Pellet-Maker™ is chemically treated high sodium Bentonite specially mined and processed to achieve the optimum binding capacity of Iron ore fines.

Product Features:

- It supplies good binding force to pellet due to its greater capacity to absorb water
- High swelling capacity.
- The fine mesh signifying larger surface area gives a better binding force using less quantity of our product

Technical Specification: -

Enslin Value	650 min
PWA	650 min
Liquid Limit	500min
Free Swelling Volume (ml.)	26-30 min
Moisture % (by Wt.)	12% max
pH	9-11
Methylene Blue Adsorption Value(mg/gm)	380 min

Chemical Composition (Analysis): -

Silica as (SiO ₂)	48- 50%
Alumina as (Al ₂ O ₃)	18 - 20%
Iron as (Fe ₂ O ₃)	9 - 12%
Calcium as (CaO)	2- 3%
Magnesium as (MgO)	2.5 - 3%
Sodium as (Na ₂ O)	2.5 - 3%
Potassium as (K ₂ O)	0.08 - 0.15%
Total Sulphur	0.3% max

Particle Size Analysis: -

100 Mesh Passing through	98%-99%
200 Mesh Passing through	82%-85%
300 Mesh Passing through	75%-78%

Note:-

The chemical composition of the Bentonite to be determined on indicative basis since the chemistry varies from one mining site to other. The technical specification as specified above will however have no variation.



[Star Export House accreditation by Govt. of India]

ISO 9001 : 2015 Quality System

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Bentonite Processing plant :

Survey no: 583/1 plot 2-6, Bhuj Bacaho Road

Kutch – Gujarat , India

Only in-house production & process:

Bentonite | Drilling Polymer & Cellulose | Drilling Foam | Bentonite Pellets| Super Absorbent Clay