

TECHNICAL SHEET
BENTOVOLA**1. IDENTIFICATION**

Product Name : BENTOVOLA
Provider : MINERAL PRODUCT SARL - FABRICANT
Cité al khattabi rue 21 n°9 NADOR - MAROC
Tel : +212 5 36334640 - Fax: +212 5 36334641

2. COMPOSITION :

BENTOVOLA is a high performance bentonite which allows Making, by dispersion in water, suspensions having particular characteristics, such as viscosity, stiffness, thixotropy, clogging power, water retention.

3. GENERAL CHARACTERISTICS:

Aspect : White powder - yellowish brown depending on the deposits.
% montmorillonite : 80 – 85 %
Water content % : 12 – 14 maximum
Refusal to sieve of 75µm % : 0 - 1 maximum
Swelling ml/2g : 22 minimum (test CTIF, recommandation 403)
Apparent density g/cm³ : 0.55 – 0.65
PH gel at 5 % : 8 - 9
Mineral Ions : Low grade.
325mesh By particles : ≥ 95%

CHIMICAL COMPOSITION %W/W :

Al ₂ O ₃	11,37
SiO ₂	64,04
CaO	1.21
MgO	2.50
K ₂ O	0.38
Na ₂ O	1.08
Fe ₂ O ₃	1.99
P ₂ O ₅	0.05
TiO ₂	0.19
Fire loss at 1000 °C	16.61%

4. VISCOSIMETRIC AND FILTRATION CHARACTERISTICS:

. The values presented below are indicative. They are obtained on a suspension with normal water untreated, dispersed 3 mn in the mixer RAYNERI.

	Values obtained 1h after manufacture		Values obtained 24h after manufacture	
	Visco. Marsh API (s) (*)	Filtrat ISO 13500 (**)	Visco. Marsh API (s)(*)	Filtrat ISO 13500 (**)
water (ml) + Bentonite (g) 1000+60	35 - 45	< ou = 20 ml	45 - 48	< ou = 20 ml

(*) Flow time of 946 ml

(**) The filtrate is equal to 2 times the volume collected between 7.5 and 30 minutes
Density of the sludge is in the range of 1.030 to 1.045 g / cm³.

5. PACKAGING :

- Bags (25 kg, paper)
- Big Bags of 1000 kg or 1200 kg
- In bulk

6. USE :

Produced as an additive (or agglutinator) in livestock and poultry feed.

7. STORAGE STABILITY:

Store the product away from moisture in the original closed packaging.
It can result from prolonged storage under poor conditions a reduced rheological performance and filtration of the product.

The above statements are based on the present state of our knowledge.

Mineral Product company – Siege: Rue moulayabdelaziz N°9 Nador – Maroc
PAT. 561 267 81 IF 402 587 05 RC 102 13 CNSS 4333134 Tel: 06 61 36 05 08/ 06 61 43 72
00 fax 0536334641 E-mail mineralproduct@hotmail.com