




## **BENTONITE GRANULES**

We are the manufacturer of Bentonite Granules, located at GIDC, Panoli, tal. Ankleshwar Gujarat.

Our unit is facilitated with a production of 40000 Mt per Annum. We provide superior quality dust free granules, the quality of which is checked in our in-house laboratory. We mfg. this product in huge quantities therefore it is readily available round the year.

Synonyms: Blank Clay Granules, Roasted Granules, and Double Roasted Granules

Picture	Parameters	Analysis
	Appearance	Black Granules
	Available Size (in ASTM)	8-10, 10-20, 12-25, 16-35
	Odour	Odourless
	pH	7 (Neutral)
	Solubility	Not directly soluble in water; releases its content slowly when comes in contact with water.
	Bulk Density	0.85 to 1.00
	Origin	Mineral
	Purity	98% Clay
	Liquid Holding capacity	Free flowing at 20 % mass by mass
	Calcined at	700° Celsius
	Available Packaging	35 Kg HDPE bags with Machine Stitching
	Minimum Order Quantity:	10 MT

### **Uses:**

They are widely used as carrier in formulation of pesticides, herbicides, fungicides, bio-pesticides and Bio-fertilizes.

### **Functions:**

#### **Bentonite Granules:**

- It is a soft clay, it loosens the soil and allows air as well as other nutrients to reach the roots.
- It makes the land softer and moist.
- They are bio degradable they break down into small particles slowly in the fields when it comes in contact of water.





### **Benefit as filler**

- It remains free flowing after absorbing 20 % liquid thereby can be formulated at higher concentration of technical.
- As soon as water surrounds the granules, it releases the active ingredients slowly over a long period of time hence reducing the chances of wash out in heavy rain or water logging condition.
- Acts as a preservative of active ingredients. It saves the technical ingredient from the direct ultraviolet rays of sun.
- It is inert therefore does not react with the technical ingredient and increases shelf life.
- Due to its hardness and high absorbent capacity, while formulation it doesn't stick to the wall of granulator or form cakes.
- As it is in granular & dust free formulation, therefore it prevents the farmer from toxicity effect by inhalation of dust particles.

### **Features:**

- Non toxic
- Biodegradable
- Easy to use
- Cost effective