



## CAT LITTER GRADE BENTONITE(TDS)

**Product:** Cat Litter Grade Bentonite

**Application:** Clumping Cat Litter

### TECHNICAL SPECIFICATIONS

| Property                 | Specification / Typical Value | Unit / Method     |
|--------------------------|-------------------------------|-------------------|
| Appearance               | Free-Flowing Granules         | Visual            |
| Color                    | Light / Off-White             | Visual            |
| Whiteness                | <b>84.53</b>                  | %                 |
| pH                       | <b>10.23</b>                  | —                 |
| Moisture Content         | <b>7.44</b>                   | %                 |
| Bulk Density             | <b>780</b>                    | kg/m <sup>3</sup> |
| Water Absorption         | <b>268</b>                    | %                 |
| Dust Content             | <b>0.90</b>                   | %                 |
| Clumping / Agglomeration | <b>30.6</b>                   | Laboratory Test   |
| Drop Test                | <b>Pass (OK)</b>              | —                 |
| Odor                     | <b>Acceptable (OK)</b>        | Organoleptic      |
| Physical Form            | Granular                      | —                 |
| Main Particle Range      | <b>0.5 – 4.0</b>              | mm                |
| Natural Mineral Content  | Bentonite                     | —                 |
| Solubility in Water      | Insoluble / Swells            | —                 |

### PARTICLE SIZE DISTRIBUTION

| Particle Size | Typical Value | Unit |
|---------------|---------------|------|
| < 0.5 mm      | <b>2</b>      | %    |
| 0.5 – 1.0 mm  | <b>18</b>     | %    |
| 1.0 – 2.0 mm  | <b>22</b>     | %    |
| 2.0 – 3.0 mm  | <b>28</b>     | %    |
| 3.0 – 4.0 mm  | <b>19</b>     | %    |
| > 4.0 mm      | <b>5</b>      | %    |

### PRODUCT PERFORMANCE

| Characteristic                      | Performance |
|-------------------------------------|-------------|
| Clumping Ability                    | Good        |
| Liquid Absorption                   | Good        |
| Dust Generation                     | Very Low    |
| Granule Integrity                   | Good        |
| Odor                                | Acceptable  |
| Whiteness                           | High        |
| Flowability                         | Good        |
| Particle Distribution               | Controlled  |
| Handling                            | Easy        |
| Suitability for Clumping Cat Litter | Suitable    |



## AVAILABLE GRANULE SIZES

| Grade                | Particle Size |
|----------------------|---------------|
| Fine Grade           | 0.5 – 1 mm    |
| Fine / Medium        | 0.5 – 2 mm    |
| Medium Grade         | 1 – 3 mm      |
| Coarse Grade         | 2 – 4 mm      |
| Standard Mixed Grade | 0.5 – 4 mm    |
| Customized Grade     | Upon Request  |

## PACKAGING & SUPPLY

| Item                   | Details                 |
|------------------------|-------------------------|
| Standard Packing       | <b>25 kg Bags</b>       |
| Alternative Packing    | 50 kg Bags / Jumbo Bags |
| Private Label          | Upon Request            |
| Customized Granulation | Available               |
| Supply Type            | Bulk / Containerized    |
| Documentation          | TDS / SDS / COA         |
| Origin                 | As per Commercial Offer |
| Supplier               | <b>Basekim</b>          |

## APPLICATIONS

**Clumping Cat Litter • Natural Mineral Cat Litter • Low-Dust Cat Litter • Light-Colored Cat Litter • Scented & Unscented Cat Litter • Private-Label Cat Litter**

## STORAGE

Store in a **cool, dry and covered area**, protected from moisture and direct contact with water. Keep bags properly sealed until use.