



# BARA-KADE®

## CHIPS Bentonite

**Description** BARA-KADE® CHIPS are naturally occurring, untreated high purity Wyoming sodium bentonite, sized to 3/8" or 3/4". Used for sealing and plugging earthen cavities.

- Applications/Functions**
- Used for sealing and plugging earthen cavities.
  - Stemming for seismic shotholes.
  - Loss circulation material.
  - Used to shut off artesian well.
  - Used for grouting monitoring well.

- Advantages**
- Natural sodium based bentonite.
  - Sized without mechanical compactions.
  - Irregular shaped chips eliminate bridging on borehole wall.
  - High swelling potential and swelling in-situ to provide an excellent seal.
  - Easy to fall through a column of standing water.

<b>Properties</b>	<u>Typical</u>	<u>Specification</u>
• Moisture, percent	•	• 19 Max
• Specific Gravity	• 2.7	•
• Bulk Density (lbs/ft <sup>3</sup> compacted)	• 60-65	•

### Application Rates vs. Hole Size and Volume

Hole Diameter inches	Hole Volume cu/ft/foot	Pounds BARA-KDAE to fill one ft	Feet filled by one bag of BARA-KADE	Bags of BARA-KADE to fill 100 feet
2	0.022	1.6	31.3	3.2
3	0.049	3.5	14.3	7.0
4	0.087	6.3	7.9	12.6
5	0.136	9.8	5.1	19.6
6	0.196	14.1	3.5	28.2
8	0.349	25.1	2.0	50.2
10	0.545	39.2	1.3	78.4
12	0.785	56.5	0.89	113.0
15	1.227	88.3	0.57	176.60
18	1.767	127.2	0.39	254.4
20	2.182	157.1	0.32	314.2
25	3.409	245.4	0.20	490.8
30	4.909	453.4	0.14	706.8

**Availability** BARA-KADE® CHIPS can be purchased through any Bentonite Performance Minerals LLC assigned Reseller. To locate the BPM Reseller nearest you, contact the Customer Service Department in Houston or your area BPM Regional Sales Manager.

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