**Technical Data & Specification Sheet**

**For Pozzolans**

Our product is natural and calcined pozzolans offer a wide variety attribute. From high strength to quick set times to extended work times, these products will create a superior concrete.

Advantages

|  |  |
| --- | --- |
| * Quicker set times mean less down time and faster job completions.
* Higher strengths mean less total concrete to complete the task
 | * Natural Pozzolans emit less greenhouse gases during its production.
 |

Particle Size Distribution

|  |  |  |
| --- | --- | --- |
| **Micron** | **Meta150** | **Meta45** |
|  |  | **Retained (%)** | **Cumulative (%)** | **Retained (%)** | **Cumulative (%)** |
|  | **150** |  |  |  |  |
|  | **125** |  |  |  |  |
|  | **100** |  |  |  |  |
|  | **75** |  |  |  |  |
|  | **50** |  |  |  |  |
|  | **35** |  |  |  |  |
|  | **20** |  |  |  |  |

Physical and Chemical Properties

|  |  |
| --- | --- |
|  |   |
|  | **Mineral** |  | **Metakaolinite** |
|  | **Color** |  | **Red Orange** |
|  | **Metakaolin** | **Min** | **40%** |
|   | **Silicon Dioxide (SiO2)** | **Min** |  **40%** |
|  | **Iron Oxide** | **Max** | **7%** |
|  | **Moisture Content** | **Max** | **0.25%** |
|  | **Loss of Ignition (LOI)** | **Max** | **0.20%** |
|  | **pH** |  | **7** |
|   | **Water Soluble** |  | **N/A** |
|  | **Density** | **Bulk:**  | **1.32 g/cm3**  |
|  | **Specific Gravity** |  | **2.66**  |
|  |  |  |  |

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