

## Specifications

|                                                                    |                                       |
|--------------------------------------------------------------------|---------------------------------------|
| Mineralological.....                                               | Diatomite-Essentially Silicon Dioxide |
| Type.....                                                          | Flux-Calcined DE CAS 68855-54-9       |
| Permeability (PFRv) <sup>(1)</sup> .....                           | 290 - 340 (8.41 - 11.56 darcys)       |
| Max. Density (Wet) lbs/ft <sup>3</sup> .....                       | 23.1                                  |
| Max. Wt. % Retained on U.S. Std. Sieve No. 40 <sup>(2)</sup> ..... | 2.0                                   |

## Inherent Properties

|                                                                    |                                     |
|--------------------------------------------------------------------|-------------------------------------|
| Physical Form.....                                                 | Dry Powder                          |
| Particle Shape .....                                               | Various Shapes of Diatom Structures |
| Color.....                                                         | White                               |
| Moisture Content, Wt %.....                                        | <0.5                                |
| pH.....                                                            | 8 - 11                              |
| Typical % Retained on U.S. Std. Sieve No. 140 <sup>(2)</sup> ..... | 39 - 41                             |
| Typical % Retained on U.S. Std. Sieve No. 325 <sup>(2)</sup> ..... | 79 - 81                             |
| Minimum GE Brightness .....                                        | 85                                  |
| Apparent Bulk Density lbs/ft <sup>3</sup> .....                    | 19 - 21                             |
| Approximate Median Particle Diameter, $\mu$ m <sup>(3)</sup> ..... | 101.6                               |
| Specific Gravity.....                                              | 2.33                                |

## Other Information

|                     |            |
|---------------------|------------|
| Shipping Point..... | Burney, CA |
|---------------------|------------|

<sup>(1)</sup> Water Permeability Flow Rate

<sup>(2)</sup> Alpine Air Jet Sieve

<sup>(3)</sup> Laser Diffraction in Distilled Water

For further information please contact your Sales Manager or Technical Services at 866-728-3303 / [techservices@dicalite.com](mailto:techservices@dicalite.com)

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