

## ***PRODUCT SPECIFICATION***

### ***ZEEOSPHERES CERAMIC MICROSPHERES G-400***

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| <b><u>Product Properties</u></b>               | <b><u>Specifications</u></b> | <b><u>Comments</u></b>                                                         |
|------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Particle Size<br>(95 <sup>th</sup> percentile) | 23 microns                   |                                                                                |
| Particle Size<br>(90 <sup>th</sup> percentile) | 18 microns                   | Typical Results: 18.0 microns<br>Malvern Mastersizer Particle<br>Size Analyzer |
| Particle Size<br>(50 <sup>th</sup> percentile) | 8 microns                    |                                                                                |
| Color (L*)                                     | L* 64–69                     | Typical Results: L* 66<br>Hunter Colorimeter, CIE Lab                          |
| % Moisture Chemical                            | 0.25% maximum                | Typical Results: 0.10%ASTM                                                     |
| pH                                             | 7.0–10.0                     | E 70                                                                           |
| 325 Mesh Wet Retain<br>(45 micron)             | 0.0400% maximum              | Typical Results: 0.0100%                                                       |

#### **FOOTNOTES:**

- (1)** All samples appear gray to the naked eye in dry powder form.
- (2)** All specified results relate to time of production.
- (3)** Each pallet is individually tested and the test results are reported on the Certificate of Analysis for that specific pallet.
- (4)** Due to test equipment limitations, particle size greater than 300 microns are not measured. However, per the specification above any such particles must meet the maximum limitation for 45 micron wet screen retain. If larger particle (even in small amounts) could present a problem to the user's application or equipment, it is recommended that this material be tested prior to use.

#### **Shelf Life Statement:**

- (1)** No shelf life limit has been demonstrated with Zeeospheres Ceramic Microspheres if stored in the original, unopened container in the minimum storage conditions of an unheated warehouse.