



PRODUCT INFORMATION SHEET

# CONDUCTOSPHERES™

## M-18

Hollow glass microspheres coated with silver. This product has the smallest particle size with an average diameter of 17 microns.

### Typical Properties

|                                 |   |   |    |    |    |    |
|---------------------------------|---|---|----|----|----|----|
| Appearance:                     | Light grey powder                               |   |    |    |    |    |
| Median diameter:<br>(by volume) | 17 $\mu\text{m}$                                |   |    |    |    |    |
| True particle density:          | 0.72 g/cm <sup>3</sup> (45 lb/ft <sup>3</sup> ) |   |    |    |    |    |
| Bulk density:                   | 0.34 g/cm <sup>3</sup> (21 lb/ft <sup>3</sup> ) |   |    |    |    |    |
| Silver content, weight %        | 30 %  |   |    |    |    |    |
| Average silver thickness:       | 50 nm   |   |    |    |    |    |
| Particle size, by volume:       | %<  | 5 | 10 | 50 | 90 | 95 |
|                                 | Size $\mu\text{m}$                              | 7 | 9  | 17 | 25 | 28 |
| Isostatic crush strength:       | 28,000 psi                                      |   |    |    |    |    |

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