



PRODUCT INFORMATION SHEET

**CONDUCTOSPHERES™**

**M-40**

Hollow glass microspheres coated with silver.

**Typical Properties**

<b>Appearance:</b>	Light grey/tan powder					
<b>Median diameter: (by volume)</b>	36 $\mu\text{m}$					
<b>True particle density:</b>	0.49 $\text{g}/\text{cm}^3$ (31 $\text{lb}/\text{ft}^3$ )					
<b>Bulk density:</b>	0.29 $\text{g}/\text{cm}^3$ (18 $\text{lb}/\text{ft}^3$ )					
<b>Silver content, weight %</b>	21 %					
<b>Average silver thickness:</b>	50 nm					
<b>Particle size, by volume:</b>	%<	<b>5</b>	<b>10</b>	<b>50</b>	<b>90</b>	<b>95</b>
	Size $\mu\text{m}$	15	18	36	61	70
<b>Isostatic crush strength:</b>	6,000 psi					

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