**DESCRIPTION:** Micron-thick silver coated glass flakes with brilliant light reflecting properties. Adds unrivaled sparkle and luster to many applications. This pigment is particularly designed for liquid and powder coatings, dispersions, and inks, but will also work well in various plastics. The perfectly flat glass flake substrate provides a solid base for the metallic appearance which maximizes light reflection. The flake particles are easily dispersible and incorporated in coatings by simple mixing. High concentrations of the silver-coated platelets will provide a degree of electrical conductivity. Compatible with most resin systems and polymers. Non-warping in plastics.

**COMPOSITION:** Silver coated glass flakes

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Typical Value</th>
<th>Units</th>
<th>Test Method*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>3.2</td>
<td>n/a</td>
<td>SCTM 312</td>
</tr>
<tr>
<td>Mean Particle Size</td>
<td>24</td>
<td>µm</td>
<td>SCTM 348</td>
</tr>
<tr>
<td>Percent moisture</td>
<td>0.3</td>
<td>wt. %</td>
<td>SCTM 248</td>
</tr>
<tr>
<td>Heat stability</td>
<td>1400°F 750°C</td>
<td></td>
<td>observed</td>
</tr>
</tbody>
</table>

*SCTM refers to Shepherd Color Testing Method.

**TYPICAL PSD d_{10} d_{50} d_{90} Values**

\[
\begin{align*}
    d_{10} &= 7 \, \mu m \\
    d_{50} &= 21 \, \mu m \\
    d_{90} &= 45 \, \mu m
\end{align*}
\]

Scanning Electron Microscope image of FX15 at 1000x

Issued by: Brian Schwer – Technical Manager

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