



Distributed By:  
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**Potters**

**Potters Ballotini® Impact Bead Specifications**

| Nominal Diameter of Ballotini® Impact Beads<br>Supplied for the U.S.A. |                |              |              |             |             |             |
|------------------------------------------------------------------------|----------------|--------------|--------------|-------------|-------------|-------------|
| Potters Spec                                                           | US Sieve       | Inches Max   | Inches Min   | Microns Max | Microns Min | Min % Round |
| <b>A</b>                                                               | <b>20-30</b>   | <b>.0331</b> | <b>.0234</b> | <b>850</b>  | <b>600</b>  | <b>65</b>   |
| <b>AAA</b>                                                             | <b>25-45</b>   | <b>.0278</b> | <b>.0139</b> | <b>710</b>  | <b>355</b>  | <b>65</b>   |
| <b>B</b>                                                               | <b>30-40</b>   | <b>.0234</b> | <b>.0165</b> | <b>600</b>  | <b>425</b>  | <b>65</b>   |
| <b>C</b>                                                               | <b>40-60</b>   | <b>.0165</b> | <b>.0098</b> | <b>425</b>  | <b>250</b>  | <b>75</b>   |
| <b>AA</b>                                                              | <b>40-70</b>   | <b>.0165</b> | <b>.0083</b> | <b>425</b>  | <b>212</b>  | <b>70</b>   |
| <b>D</b>                                                               | <b>50-70</b>   | <b>.0117</b> | <b>.0083</b> | <b>300</b>  | <b>212</b>  | <b>75</b>   |
| <b>AB</b>                                                              | <b>50-80</b>   | <b>.0117</b> | <b>.0070</b> | <b>300</b>  | <b>180</b>  | <b>70</b>   |
| <b>AC</b>                                                              | <b>60-120</b>  | <b>.0098</b> | <b>.0059</b> | <b>250</b>  | <b>125</b>  | <b>80</b>   |
| <b>AD</b>                                                              | <b>70-140</b>  | <b>.0083</b> | <b>.0041</b> | <b>212</b>  | <b>106</b>  | <b>80</b>   |
| <b>AE</b>                                                              | <b>100-170</b> | <b>.0059</b> | <b>.0035</b> | <b>150</b>  | <b>90</b>   | <b>85</b>   |
| <b>AG</b>                                                              | <b>120-270</b> | <b>.0041</b> | <b>.0021</b> | <b>125</b>  | <b>53</b>   | <b>85</b>   |
| <b>AH</b>                                                              | <b>170-325</b> | <b>.0035</b> | <b>.0017</b> | <b>90</b>   | <b>45</b>   | <b>85</b>   |

| MIL Spec G-9954A    |                |              |              |             |             |             |
|---------------------|----------------|--------------|--------------|-------------|-------------|-------------|
| Potters Designation | US Sieve       | Inches Max   | Inches Min   | Microns Max | Microns Min | Min % Round |
| <b>3</b>            | <b>20-30</b>   | <b>.0331</b> | <b>.0234</b> | <b>850</b>  | <b>600</b>  | <b>65</b>   |
| <b>4</b>            | <b>30-40</b>   | <b>.0234</b> | <b>.0165</b> | <b>600</b>  | <b>425</b>  | <b>70</b>   |
| <b>5</b>            | <b>40-50</b>   | <b>.0165</b> | <b>.0117</b> | <b>425</b>  | <b>300</b>  | <b>70</b>   |
| <b>6</b>            | <b>50-70</b>   | <b>.0117</b> | <b>.0083</b> | <b>300</b>  | <b>212</b>  | <b>80</b>   |
| <b>7</b>            | <b>60-80</b>   | <b>.0098</b> | <b>.0070</b> | <b>250</b>  | <b>180</b>  | <b>80</b>   |
| <b>8</b>            | <b>70-100</b>  | <b>.0083</b> | <b>.0059</b> | <b>212</b>  | <b>150</b>  | <b>80</b>   |
| <b>9</b>            | <b>80-120</b>  | <b>.0070</b> | <b>.0049</b> | <b>180</b>  | <b>125</b>  | <b>80</b>   |
| <b>10</b>           | <b>100-170</b> | <b>.0059</b> | <b>.0035</b> | <b>150</b>  | <b>90</b>   | <b>90</b>   |
| <b>11</b>           | <b>120-200</b> | <b>.0049</b> | <b>.0029</b> | <b>125</b>  | <b>75</b>   | <b>90</b>   |
| <b>12</b>           | <b>140-230</b> | <b>.0041</b> | <b>.0025</b> | <b>106</b>  | <b>63</b>   | <b>95</b>   |
| <b>13</b>           | <b>170-325</b> | <b>.0035</b> | <b>.0017</b> | <b>90</b>   | <b>45</b>   | <b>95</b>   |

| Size      | Mesh           | Microns        | Particles / Lb       | Particles / KG       |
|-----------|----------------|----------------|----------------------|----------------------|
| <b>3</b>  | <b>20-30</b>   | <b>850-300</b> | <b>990,000</b>       | <b>2,200,000</b>     |
| <b>5</b>  | <b>40-50</b>   | <b>425-300</b> | <b>7,900,000</b>     | <b>17,400,000</b>    |
| <b>8</b>  | <b>70-100</b>  | <b>212-150</b> | <b>63,000,000</b>    | <b>139,800,000</b>   |
| <b>10</b> | <b>100-170</b> | <b>150-90</b>  | <b>302,000,000</b>   | <b>664,800,000</b>   |
| <b>13</b> | <b>170-325</b> | <b>90-45</b>   | <b>1,877,000,000</b> | <b>4,129,000,000</b> |