

### Iridium (Ir) Evaporation Pieces

|                                  |                           |                                         |              |
|----------------------------------|---------------------------|-----------------------------------------|--------------|
| Material Type                    | Iridium                   | Z Ratio                                 | 0.129        |
| Symbol                           | Ir                        | E-Beam                                  | Fair         |
| Atomic Weight                    | 192.217                   |                                         | 10-8: 1,850  |
| Atomic Number                    | 77                        | Temp. (°C) for Given Vap. Press. (Torr) | 10-6: 2,080  |
| Color/Appearance                 | Silvery White, Metallic   |                                         | 10-4: 2,380  |
| Thermal Conductivity             | 150 W/m.K                 | Purity:                                 | 99.9% 99.99% |
| Melting Point (°C)               | 2,410                     |                                         |              |
| Coefficient of Thermal Expansion | 6.4 x 10 <sup>-6</sup> /K |                                         |              |
| Theoretical Density (g/cc)       | 22.4                      |                                         |              |