



RU5GRAY Gray ruthenium for bath plating 5 g/l ready-to-use

- Titanium gray color
- 5 grams per liter
- Economical precious metal deposit
- Fastest depositing ruthenium electrolyte
- Functional at lower than optimal temperatures

RU5GRAY is a ruthenium plating electrolyte which deposits an abrasion resistant layer of ruthenium metal in a titanium gray color. The gray color produced is that of pure ruthenium as the solution does not contain any additional organic additives for darkening purposes. This lack of additional chemical makes RU5GRAY the fastest depositing ruthenium, functional at lower than optimal temperatures. This acidic based compound is primarily used in decorative plating applications for a diverse color option in the case where corrosion resistance is also a requirement. The plating deposit is durable and can reach a maximum thickness of 0.2 micron. Due to the fact ruthenium has a lower conductivity than other precious metals, the electrolyte requires a greater metal concentration to function optimally.

Metal concentration	5 g/l (Ru)
Volume	1 liter
Purity (%)	99.9
Density (g/cm ³)	10.5
Hardness (HV 0,01)	400-700
Thickness (um)	0.02-0.20
Appearance	Shiny
Color	Gray



Packaging