

Meta-Braze™ Ag44Ti

Silver Copper Indium Active Brazing Alloy

Meta-Braze™ Ag44Ti is a high purity braze alloy used for joining ceramics, PCD, carbides and stainless steels where low temperature brazing is required. Typical applications include PCD brazing for cutting tools.

Standard	Manufacturers Own	Reference Standards N/A
Melting Range	488°C - 612°C	Brazing Temperature: 650°C – 700°C
Chemical Composition	Silver 43.6% Copper 29.1% Titanium 3.0% max Indium 24.3% max Impurities as per ISO 17672 Table 1	
Conditions for Use	Recommended Processes: Vacuum, inert atmosphere, reducing atmosphere Recommended Gap Size: - 0.05 – 0.1mm (0.002” – 0.004”)	
Physical Properties	Density – 9.7g/cm ³	
Forms of Supply	Paste	

