

## Technical Data Sheet.

Product	<b>Safrabraze 5AG 2% Silver Copper-Phos Brazing Alloy</b>
Description	<b>This is a self-fluxing silver-copper-phosphorus alloy suitable for the brazing of copper and high copper content alloys.</b>
Nominal Composition	<b>Silver 5.0%</b> <b>Copper 89.0%</b> <b>Phosphorus 6.0%</b>  <b>Impurities to ISO 17672:2010 Group CuP</b> <b>This alloy conforms to ISO 17672:2010 CuP 281</b>
Melting Range	<b>Solidus 645°C</b> <b>Liquidus 815°C</b>
Brazing Temperature	<b>710°C (minimum)</b>  <b>Unlike silver brazing alloys, silver-copper-phosphorus filler metals are sufficiently fluid for brazing at a temperature significantly below the liquidus temperature of the alloy.</b>
Tensile Strength	<b>600 N/mm<sup>2</sup></b>
Elongation	<b>7%</b>
Hardness	<b>190 HV</b>
Electrical Conductivity	<b>10.0% IACS at 20°C</b>



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