

① $1119 \Rightarrow$

Soldering

① In Soldering Joint is obtained by means of filler material whose melting point is less than 427°C and less than the melting point of base metal

② The Soldered Joint are weakest among the welding and Brazing

Brazing

In Brazing the Joint is obtained by means of filling material whose melting point is above the 427°C and less than melting point of base metal

The Brazed Joint are stronger than Soldered Joint ~~weld~~ but weaker than welded

②

TIG

① In TIG Welding a non-consumable is used

② TIG welding electrode serves the purpose of producing the arc only filler rod needed if any

MIG

MIG used a copper coated wire of same chemical composition as the parent metal. During welding which is consumable MIG welding wire serves both the purpose of producing the arc as well as of filler metal