



Manufacturers of Custom Welding Lines for Resale
www.selectrode.com

SELECTRODE 6006 Copper Clad Steel TIG

INTERNATIONAL CLASSIFICATIONS

AWS A5.2 RG45

FEATURES & APPLICATIONS

CHARACTERISTICS:

A copper coated, low carbon steel rod which is widely used on mild steel. It offers good ductility and machinability.

APPLICATIONS:

It can be used for gas welding or TIG welding for a wide variety of repairs on sheets, plates, automotive repair and ornamental art.

ALL WELD METAL ANALYSIS (TYPICAL WEIGHT %)

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	Al	Fe
.08	.10	.05	.035	.04	.2	.3	.2	.3	.02	Bal.

TYPICAL MECHANICAL PROPERTIES

Undiluted Weld Metal

Tensile Strength

Elongation

Maximum Value Up to:

52,000 PSI (359 N/mm²)

22%

TIG Welding: The welding parameters for TIG welding are largely dependent upon the plate thickness and welding position. Straight polarity and argon or helium shielding gas should be used to minimize burn off of the tungsten electrode.

