

**Standards**

TS EN ISO 24373	: S Cu 6100 (CuAl8)
EN ISO 24373	: S Cu 6100 (CuAl8)
AWS A5.7	: CuAl-A1

**Chemical Composition of Welding Wire % (Typical)**

Al	Si	Zn	Cu	Mn
8.0	<0.10	<0.20	rest	<0.50

**Mechanical Properties**

Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (L <sub>0</sub> =5d <sub>0</sub> ) (%)	Hardness (HB)
200	430	40	100

**Typical Base Material Grades**

- CuAl 5, CuAl 8, G-CuAl 8 Mn, CuAl 5 As, CuZn 20 Al 2

**Features and Applications**

- It is Cu-Al MIG welding wire
- It is used for surfacing of steel and cast steels
- It is used for joining and surfacing of Aluminum Bronzes, e.g. (CuAl5), (CuAl8), G-CuAl 8 Mn, Cu Al 5 As, C Zn 20 Al 2, surfacing of Copper, Brass, non alloyed and low alloyed steels
- Shielding Gas: Ar, He+Ar, He
- Metal to metal wear, sea water and is used in parts exposed to corrosive liquids such as acids

**Welding Positions**

**Current Type**

MIG D.C. (+)

**Operating Data**

Product Code	Diameter (mm) / (inch)		Package Weight (Kg)
6031100268	1.0	0.040"	15
6031100270	1.2	0.047"	15
6031100271	1.6	0.062"	15
6031100269	1.0	0.040"	200 (Big Pack)