

**Standards**

TS EN ISO 24373	: S Cu 6560 (CuSi3Mn1)
EN ISO 24373	: S Cu 6560 (CuSi3Mn1)
AWS A5.7	: ER CuSiA

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

Si	Mn	Fe	Sn	Cu
3.0	1.0	<0.20	0.10	rest

**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)
130	220	30	55

**Typical Base Material Grades**

- CuSi 2 Mn, CuSi 3 Mn, CuMn 5, CuMn 2, Galvanized steels and Cu-Zn (brass) alloyed, Cu-Mn alloyed

**Features and Applications**

- It is Copper-Silicon alloyed MIG welding wire and used in welding of galvanized steels
- Shielding Gas: Ar

**Welding Positions**

**Current Type**

MIG D.C. (+)

**Operating Data**

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6031100261	0.8	0.030"	15
6031100262	1.0	0.040"	15
6031100263	1.2	0.047"	15

Approvals: SEPRO