

Standards

AWS A5.7 : ER CuMnNiAl

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

Al	Fe	Ni	Cu	Mn
7.5	2.5	2.0	rest	13.0

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
470	650	20	205

Typical Base Material Grades

- Ductile cast iron steels, ductile cast Iron-Manganese steels.

Features and Applications

- Mn-Ni, Aluminum bronze MIG welding wire
- Used for welding of screw, clutch pulley and compression plates
- Shielding gas: Ar

Welding Positions

Current Type

MIG D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6031100274	1.2	0.047"	15