

**Standards**

DIN 8555 : MSG 5-GZ-350

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

C	Si	Mn	Cr	Mo
0.50	0.55	0.90	6.00	0.90

**Mechanical Properties**
**Hardness** (After Working)  
(HRC)

36 - 40

**Features and Applications**

- Cr-Mo alloyed steels (2.5%-1.0%) resistant to high temperature, wear, pressure and shocks
- Good resistance to cracking and to the attack of sulphures agents
- Guide rollers, excavators, screw conveyers, gears, moulds, rolling surfaces, etc
- Before the application of welding, it is recommended pre-heating of 200°C
- If necessary, post- weld stress relief should be made at 660°C
- Shielding Gas: Ar+CO<sub>2</sub> mix gases can be used

**Resistance Type and Level**

Friction



Impact



High Temp.



Thermo Shock



Corrosive



Crack Resistance



Machining


**Current Type**

MAG D.C.(+)

**Operating Data**

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
6031100314	1.20	0.047"	15	BS 300 Spool

Approvals: SEPRO