

Classifications

AWS A5.2-92	: R45
KS D 7005	: GA46
JIS Z 3201	: GA46

Description

- Suitable for application of oxy-acetylene welding for mild steel
- Excellent meltability and deposition rate
- Sound welds without non-metallic inclusion

Typical chemical composition of wire (%)

C	Si	Mn	P	S
0.04	0.02	0.45	0.013	0.010

Typical mechanical properties of all-weld metal

	T.S. (MPa)	El. (%)	Remarks
Example	450	20	SR
	500	17	NSR

* SR : Stress Relieved

* NSR : Not Stress Relieved