

Standards :

TS EN ISO 14341-A :	G3Ni 1
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AWS A5.28 :	ER80S-Ni1

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

C	Si	Mn	Ni
0.08	0.65	1.10	1.0

Mechanical Properties :

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Impact Strength (ISO-V/-45°C)	Elongation (L ₀ =5d ₀)(%)
min. 470	min. 550	min. 27 J	min. 24

Typical Base Material Grades :

- * A106; A515; A714; A131; A369; A210; L290; P235 T1 / T2; P275 T1;
- * L360; L415; P275T2; P355N; API X-42; X46; X62; X60; P235GH; P355GH;
- * A283; A285; A414; A372; A662; S275; S420; A516; A255; A333; A350; A612

Features and Applications :

- * Building up of cranes, transport, industrial facilities, equipment in general, pipelines, shipbuilding, etc./
- * Working temperatures are between of -45°C and +400°C.
- * Shielding gas : Ar+CO₂ mix gases can be used.

Welding Positions :



Current Type :

MAG D.C.(+)

Operating Data :

Diameter (mm)	Weight (kg)	Package Type
1.20	15	BS 300 Spool

Approvals :

CE