

Standards

TS EN ISO 17632-A	: T 42 A Z B M 3
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AWS A5.20	: E 70 T-5M

Chemical Composition of Weld Metal (Typical)

C	Si	Mn
0.03	0.10	0.35

Mechanical Properties

Heat Treatment	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Impact Strength (ISO-V/-30°C)	Elongation ((L ₀ =5d ₀) (%))
AW	min. 420	500- 640	min. 47 J	min. 22

AW: as welded

Typical Base Material Grades

- Armco Iron and mild steels.

Features and Applications

- Suitable for use in welding of Armco Iron and mild steels. Applicability in welding of galvanized tanks made of Armco Iron
- Suitable for automation
- Shielding gas: M21

Welding Positions



Current Type

FCAW / D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)	Package Type
3010500226	1.20	0.062"	15	BS 300

Approvals: CE, SEPRO