

Тел Magmaweld заваръчна за МИГ заваряване на нисколегирана стомана 0.6 мм, 5 кг, 30-120 А, MG 2



Ташев-Ташев
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MG 2

Gas Metal Arc (MAG) Welding Wire - Non Alloyed Steels

Standards	
AWS/ASME SFA - 5.18	ER70S-6
EN ISO 14341 - A	G 42 3 C1 G 3Si1
EN ISO 14341 - A	G 42 4 M21 G 3Si1
TS EN ISO 14341 - A	G 42 4 M21 G 3Si1
TS EN ISO 14341 - A	G 42 3 C1 G 3Si1

Approvals & Certificates		
ABS	CWB	DB
DNV-GL	HAKC	HAKC(1.00mm)
HAKC(1.20mm)	HAKC(1.60mm)	RINA
TL	TSE	TUV
Yerli Mali	CE	

Materials	
EN	DIN
S185 - P355T1	St 33 -St 52.0
S235JR - S355J0	St 37.2 - St 52.3
S235JR - S355J2	
P235G1TH - P265G1TH	St 35.8 - St 45.8
P235GH, P265GH	H I, H II
P235TR2 - P355T2	St 37.4 - St 52.4
E295	St 50.2
L210 - L360NB	StE 210.7 - StE 360.7
S255N -S380N	StE 255 - StE 380
GE 200 - GE 240	GS-38, GS-45
P295GH, P355GH	17Mn4, 19Mn5
-	A, B, D, E

Properties and Applications

Unalloyed wire electrode for GMA (MIG/MAG) welding of general structural steels, pipe steels, and cast steels using CO₂ or mixed shielding gases, depending on thickness of the base metal. Generally used in steel construction, shipbuilding, machine, tank, boiler production, automotive industry. Preheating is required, depending on the plate thickness and carbon equivalent of the base metal. A thin and homogeneous copper coating increases electrical conductivity and protects the wire from rusting.



Typical Chemical Features of the Welding Wire

Type of Analysis	C	Si	Mn
Welding Wire	0.07	0.8	1.45

Typical Mechanical Values of Weld Metal

Test Condition	Protection Gas	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation A5 (%)	Charpy V-Notch Properties (J)
As welded	C1	460	530	29	-30°C → 50
As welded	M21	430	530	28	-40°C → 55

* Chemical composition and mechanical properties are valid when using shielding gas EN ISO 14175 - C1 (%100 CO₂) ve M21 (Ar + %20 CO₂).

Application Information

Welding Positions



Polarity:



Protection Gas:

M20 M24 M26 M21 C1

Welding Parameters & Efficiency

Diameter (mm)	Current (A)
0.60	30-120
0.80	50-180

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