



AMA 310 M

Standards: AWS/ASME SFA 5.29 E91 T5 K3

EN 12535

T55 5 1.5NiMo MM1-H5

Properties : Metal cored wire . It is suitable for welding in all positions. The Weld metal has a very high resistance to cracking and high mechanical characteristics . It can be used for root pass with back penetration.

All-Weld metal analysis(typical values)% :

Gas	C	Mn	Si	Ni	Mo
M21	0.09	1.3	0.4	1.7	0.4

Shielding gas: DIN EN 439 - M21 (15-25% CO₂ , balance Ar)

Mechanical properties of all-weld metal (typical

Heat treatment	Tensile Strength (N/mm ²)	Yield 0.2% Strength (N/mm ²)	Elongation Lo = 5d %	Impact energy (j) ISO - V -50°C
AW	690	590	19	70

AW : As welded

Main Application :

High yield strength steels , force piping , mobile lifting equipment , turbines , armaments.

Delivery: coil in diameter: 1.2 , 1.6mm & weight 15kg.

Note: other weight & sizes are produced upon customers reques

