CEWELD AA M550

certilas® THE FILLER METAL SPECIALIST

TYPE	Gas shielded seamless metal-cored wire for M21
APPLICATIONS	Crane, steel, vessel and apparatus construction, offshore, lifting, drilling platforms etc.
PROPERTIES	Seamless metal cored wire with remarkable stable arc and no spatters. Excellent for use in automated welding applications such as orbital Mag or robotic welding. This wire offers a unique welding deposit with more than 2% nickel to offer reliable impact properties down to -60°C. CEWELD AA M550 is used for welding 550 MPa yield strength steels, due to the seamless production process the hydrogen content is below 3ml/100gr weld metal even after long storage in unconditioned condition.

CLASSIFICATION

AWS	A 5.36: E91T15-M21A8-K7-H4
EN ISO	18276-A: T 55 6 Mn2,5Ni M M21 1 H5
F-nr	6
FM	2

SUITABLE FOR

Reh ≤ 550 MPa ISO 15608: 1.3, ~3.1, ~2.2, 2.1,
1.6780
EStE 550, S550QL
HY 80
15NiCrMo10-6
API 5 L X52, X60, X65, X52Q, X60Q, X65Q, X80

APPROVALS: CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Ni
0.05	0.7	1.3	0.015	0.015	2.2

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				-40°C	-60°C	
As Welded	600	740	22	75	70	HRc

REDRYING: Not required

GAS ACC. EN ISO 14175: M21

CEWELD AA M550

AA M550 1,2MM

Packaging	KG/unit	EanCode
K-300	16	8720663405418