



CEWELD AA M550

TYPE	Gas shielded seamless metal-cored wire for M21.(Typ T 55 6 Mn2,5Ni, E91T15)																
APPLICATIONS	CEWELD®AA M550 is used for welding steels up to a yield strength of 550 MPa. The areas of application are in: Crane, steel, ship (submarine) and apparatus construction, offshore, hoists, drilling rigs, etc.																
PROPERTIES	CEWELD®AA M550 is a seamless metal flux cored wire with remarkable arc stability and virtually no spatter. Excellent for automated welding applications such as orbital mag or robotic welding. This wire offers a unique weld metal with more than 2 % nickel, which ensures reliable impact strength down to -60 °C. Due to the continuous production process, the hydrogen content is below 3 ml/100 g of weld metal even after long storage in an unconditioned state.																
CLASSIFICATION	AWS A 5.36: E91T15-M21A8-K7-H4 EN ISO 18276-A: T 55 6 Mn2,5Ni M M21 1 H5, 18276-A: T 55 6 1NiMo 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, G19NiCrMo 12-6 A 543M, A 537M API 5 L X52, X60, X65, X52Q, X60Q, X65Q, X80																
APPROVALS	CE																
WELDING POSITIONS	      																
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table><tr><td>C</td><td>Si</td><td>Mn</td><td>P</td><td>S</td><td>Ni</td></tr><tr><td>0.05</td><td>0.7</td><td>1.3</td><td>0.015</td><td>0.015</td><td>2.2</td></tr></table>	C	Si	Mn	P	S	Ni	0.05	0.7	1.3	0.015	0.015	2.2				
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		-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