



# CEWELD SACW 550

**TYPE** High- basicity flux-cored wire for submerged-arc welding

**APPLICATIONS** Crane, offshore equipment, boiler, pipeline and apparatus construction, foundries etc.

**PROPERTIES** Extremely crack resistant weld metal conditioned by the high-basicity slag in combination with very low hydrogen content. Well suited for the economic joining of fine grain structural steels with yield strength of Rp0,2 550 MPa (80 ksi). As welding flux we recommend our type FL 155, classification S A FB 1 55 AC H5.

**CLASSIFICATION**

AWS	A 5.23: F9A8-ECF1-F1
EN ISO	26304-A: S 55 6 FB T3Ni1Mo
F-nr	6
FM	2

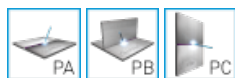
**SUITABLE FOR**

Materials:	EN	ASTM
fine grain structural steels	S315(NL1/2) - S550(Q/QL/QL1)	A 516 / A 255
High grade structural steels	15NiCuMoNb5 / WB 36	A 333 / A 350
-	20MnMoNi4-5	A 612 / A 707
-	11NiMoV53	-
-	17MnMoV6-4	-
pipe steels	P355T1/T2 - P460NL2, L360 - L550MB	-
steels to API-standard	X42, X65, X70, X80	-

W.Nr: 1.6311, 1.6341, 1.5403, 1.0562, 1.8924, NAXTRA 56, NAXTRA 63

**APPROVALS** CE

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	P	S	Ni	Mo
0.07	0.4	1.4	0.015	0.015	1.4	0.5

**MECHANICAL PROPERTIES**

Heat Treatment	Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				-40°C	-60°C	
As Welded	558	650	27	165	100	HRC

**REDRYING** Not required

**GAS ACC.** EN ISO 14175