



CEWELD SA 890

TYPE Solid drawn wire for high tensile steels with yield strength >890 N/mm².

APPLICATIONS Crane, steel, vessel and apparatus construction.

PROPERTIES Extreme crack resistant weld deposit due to extra low hydrogen content when combined with Ceweld FL 155. Developed for welding cold tough, high tensile fine grain steel exceeding a yield strength of 890N/mm². To obtain the requested mechanical properties the heat input should be kept around 10 KJ/cm. Cooling time (T_{8/5}) must be adjusted by travel speed and preheat temperature.

CLASSIFICATION EN ISO 26304-A: S4Ni2CrMo
FM 2

SUITABLE FOR S890 TM-pipe steels to StE 890 to S890QL1, A 517, X 120 high-strength fine grain structural steels (low temp) to StE 960 (StE 1100 to 12 mm) to S960QL1 (S1100 to 12 mm)

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo	P	S
0.1	0.6	1.85	0.6	2.2	0.55	0.007	0.005

MECHANICAL PROPERTIES

REDRYING Not required

GAS ACC. EN ISO 14175



CEWELD SA 890

SA 890 2,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404602

SA 890 3,0MM

Packaging	KG/unit	EanCode
K-415	25	8720663404619