CEWELD SG CrMo2

certilas® THE FILLER METAL SPECIALIST

TYPE	GMAW wire for welding creep and hydrogen –resistant P21 and P22 steels.(CrMo2, B3)
APPLICATIONS	CEWELD® SG CrMo2 exhibits a bainitic microstructure in the tempered and tempered condition. It is used for processing high-temperature steels in High pressure boiler steels, offshore, repair, construction, pipelines, tubing etc.
PROPERTIES	CEWELD® SG CrMo2 have aExtreme easy to weld with excellent welding properties. High world wide excepted quality with controlled cast and helix for semi and or semi–automatic applications. Weldable with Co2 and Mix gas. Suitable for creep resistant service for working temperatures up to 600 °C.

CLASSIFICATION

AWS	A 5.28: ER 90S-G
EN ISO	21952-A: G CrMo2Si
W.Nr.	1.7384
F-nr	6
FM	3

SUITABLE FOR

2,25% Cr, 1% Mo

1.7015, 1.7131, 1.7147, 1.7258, 1.7262, 1.7276, 1.7281, 1.7337, 1.7350, 1.7357, 1.7375, 1.7379, 1.7380, 1.7382, 1.7383, 1.7385, 1.7707, 1.8075
10CrMo9.10, 12CrMo9-10, 10CrSiMoV7, 12CrSiMo8, 30CrMoV9, GS-18CrMo9.10, 15CrMoV5-10, 16CrMo4-4, 15CrMo5, 24CrMo5, 22CrMo4-4, GS-17CrMo5-5, 15Cr3, 16MnCr5, 20MnCr5, 10CrSiV7, G19CrMo9-10, 16CrMo9-3, 11CrMo9-10, 10CrMo11

ASTM: A 387 Gr. 22, A217 Grade WC9, A335 Gr. P22, A217 Gr. WC9, A182 F22, A182 T22, A1031 Gr.5015, A1031 Gr.5115, A1031 Gr.4820

APPROVALS: CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Mo
0.08	0.6	0.9	2.5	1

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V RT	Hardness
720°C±15°C 2h	420	520	23	80	HRc

REDRYING: Not required

GAS ACC. EN ISO 14175: M21

CEWELD SG CrMo2

SG CRMO2 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405913

SG CRMO2 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405944
D-100	1	8720663405920

SG CRMO2 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405951