



CEWELD SG CrMo2

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 EN ISO W.Nr. F-nr FM	A 5.28: ER 90S-G 21952-A: G CrMo2Si 1.7384 6 3														
SUITABLE FOR	<p>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</p> <p>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</p>															
APPROVALS	CE															
WELDING POSITIONS																
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">C</td> <td style="width: 25%;">Si</td> <td style="width: 25%;">Mn</td> <td style="width: 25%;">Cr</td> <td style="width: 25%;">Mo</td> </tr> <tr> <td>0.08</td> <td>0.6</td> <td>0.9</td> <td>2.5</td> <td>1</td> </tr> </table>		C	Si	Mn	Cr	Mo	0.08	0.6	0.9	2.5	1				
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			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 CRM02 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405913

SG CRM02 1,0MM

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

SG CRM02 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405951