

CEWELD SACW CrMo2

TYPE	High- basicity flux-cored wire for submerged-arc welding. Type P22
APPLICATIONS	Construction of containers, Boiler and machinery parts, Steam boilers and turbines, 2,25Cr1Mo steels, pipelines. Suitable for one- of multi layer welding.
PROPERTIES	Absolutely crack resistant weld metal conditioned by the high-basic slag in combination with very low hydrogen content. Suitable for heat treatment. Step cooling is possible. High reserve of toughness and crack resistance. Flux FL 150 of FL 160 can be used in combination with this wire.

CLASSIFICATION	AWS	A 5.23: F9P2-ECB3-B3
	EN ISO	24598-A: S T Z CrMo2 FB
	F-nr	6
	FM	4

SUITABLE FOR	2,25% Cr, 1% Mo 1.7015, 1.7131, 1.7147, 1.7218, 1.7380, 1.7337, 1.7262, 1.7258, 1.7350, 1.7357, 1.7375, 1.7379, 1.7383, 1.7385, 1.7707, 1.8075 10CrMo9.10, 12CrMo9-10, 10CrSiMoV7, 12CrSiMo8, 30CrMoV9, GS-18CrMo9.10, 15CrMoV5-10, 16CrMo4-4, 15CrMo5, 24CrMo5, 25CrMo4, 22CrMo4-4, GS-17CrMo5-5, 15Cr3, 16MnCr5, 20MnCr5, 10CrSiV7, 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 WELD METAL (%)	C	Si	Mn	P	S	Cr	Mo
	0.09	0.25	0.9	0.015	0.015	2.3	1.1

MECHANICAL PROPERTIES	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
	675°C- 705°C 1h	560	640	20	RT	HRc
					100	

REDRYING	Not required
----------	--------------

GAS ACC. EN ISO 14175