



CEWELD E CrMo5

TYPE	Medium-alloyed basic electrodes for welding heat-resistant steels (E8015-B6, CrMo5).	
APPLICATIONS	CEWELD® E CrMo5 is suitable for welding high-temperature CrMo5 steels in the construction and maintenance of power stations, oil (cracker) and chemical plants. Pressure vessels, heat exchangers etc.	
PROPERTIES	CEWELD® E CrMo5 has a weld metal of type 5Cr-0.5Mo and is characterized by a martensitic-bainitic microstructure and is suitable for applications in the quenched and tempered condition. With working temperatures up to 600°C.	
CLASSIFICATION	AWS	A 5.5: E 8015-B6
	EN ISO	3580-A: E CrMo5 B 42 H5
	W.Nr.	1.7373
	F-nr	4
	FM	4
SUITABLE FOR	5%Cr-0.5% Mo ISO 15608: ~5,3 ($C < 0,35$, $3,5 \% < Cr \leq 7,0 \%$ and $0,4 \% < Mo \leq 0,7 \%$) 1.7259, 1.7273, 1.7276, 1.7281, 1.7362, 1.7363, 1.7365, 1.7366, 1.7375, 1.7379, 1.7380, 1.8075 GX12CrMo5, X12CrMo5, 10CrMo9-10, 12CrMo9-10, 26CrMo7, 24CrMo10, 10CrMo11, 16CrMo9-3, 10CrSiMoV7 ASTM A 182 Gr. F5; A 193 Gr. B5; A 213 Gr. T5; A217 Gr. C5; A 234 Gr. WP5; A 314 Gr. 501; A335 Gr. P5 u. P5c; A 369 Gr. FB 5; A 387 Gr. 5; A 426 Gr. CP5	

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo
0.07	0.4	0.7	5	0.05	0.5

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	0°C	
725°C- 755°C 2h	520	630	22	100	60	HRc

REDRYING 350°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD E CrMo5

E CRM05 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663400581

E CRM05 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663400598

E CRM05 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,3	8720663400604

E CRM05 5,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,3	8720663400611