



CEWELD E CrMo5

TYPE Medium and high alloyed basic electrodes for welding creep resistant steels

APPLICATIONS Construction and maintenance of power stations, oil (crack plant) and chemical plants. Pressure vessels, heat exchangers etc.

PROPERTIES Cr and Mo-alloyed basic electrode for welding creep resistant steels and steel casting for working temperatures up to 600°C. The weld metal is resistant to high hydrogen pressure.

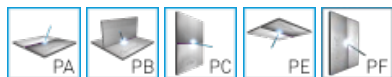
CLASSIFICATION

AWS	A 5.5: E 8015-B6
EN ISO	3580-A: E CrMo5 B 42 H5
F-nr	4
FM	4

SUITABLE FOR 12crmo19.5, GS-12crmo19.5, 1.7362, 1.7363, 1.7373

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