



# 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 <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	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