



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						
PROPRIÉTÉS	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					
	W.Nr.	1.7373					
	F-nr	4					
	FM	4					
CONVIENT POUR	5%Cr-0.5% Mo ISO 15608: ~5,3 (C<0,35, 3,5 % < Cr ≤ 7,0 % and 0,4 % < Mo ≤ 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						
AGRÉMENTS	CE						
POSITIONS DE SOUDAGE	PAPBPCPEPF						
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	C	Si	Mn	Cr	Ni	Mo	
	0.07	0.4	0.7	5	0.05	0.5	
PROPRIÉTÉS MÉCANIQUES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
	725°C- 755°C 2h	520	630	22	RT	0°C	
					100	60	HRc
ETUVAGE	400°C / 1 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