




CEWELD SG CrMo5

TYPE	Medium alloyed, high-strength 5% Chromium Alloy.					
APPLICATIONS	Mainly used in pipeline, apparatus and boiler application. This alloy is specially intended for high integrity structural service at elevated temperature.					
PROPRIÉTÉS	Designed for welding heat resistant steels to sustain working temperatures upto 650 °C					
CLASSIFICATION	AWS	A 5.28: ER 80S-B6				
	EN ISO	21952-A: G CrMo5Si				
	W.Nr.	1.7373				
	F-nr	6				
	FM	4				
CONVIENT POUR	5%Cr-0.5%Mo (< 1180 MPa) 1.7259, 1.7273, 1.7276, 1.7281, 1.7362, 1.7363, 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						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Mo	
	0.08	0.45	0.5	5.7	0.6	
PROPRIÉTÉS MÉCANIQUES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V RT	Hardness
	720°C±15°C 2h	480	590	18	110	HRc
ETUVAGE	Not required					
GAS ACC. EN ISO 14175	M21					



CEWELD SG CrMo5

SG CRM05 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720682050040
D-100	1	8720663406026

SG CRM05 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405968
D-100	1	8720663406019

SG CRM05 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663406033

SG CRM05 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663406040