



CEWELD SG CrMo5 Tig

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 up to 650°C

CLASSIFICATION

AWS	A 5.28: ER 80S-B6
EN ISO	21952-A: W CrMo5Si
W.Nr.	1.7373
F-nr	6
FM	3

CONVIENT POUR For matching 5%Cr-0.5%Mo creep resisting ferritic steels
GX12CrMo5 (1.7362), X12CrMo5 (1.7363), Upto 1180 MPa

ASTM: A182/A336 grade F5, A199/A213 grade T5, A217 grade C5, A234 grade WP5, A335 grade P5, A387 grade 5

AGRÉMENTS CE

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Mo
0.08	0.4	0.6	6	0.6

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	490	570	18	110		HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1



CEWELD SG CrMo5 Tig

SG CRM05 TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405975

SG CRM05 TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405982

SG CRM05 TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405999

SG CRM05 TIG 3,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406002