

# CEWELD SG CrMoV6 Tig

**TYPE** CrMoV6 filler metal for welding similar type of steels. (Air 9117 - 15CDV6)

**APPLICATIONS** CEWELD CrMoV6 Tig finds its application in the aerospace and motorsports industries, and also in the repair of some tool steels. According AIR 9117, LN 9425 an EN 4334.

**PROPERTIES** CEWELD® SG CrMoV6 (EN 4334: FE-WL1806 (15CrMnMoV5-4-9-3) wire is used for welding matching, and similar, composition base materials. **The weld deposit from Typ 15CrMoV6 provides high strength. Actual mechanical properties will be dependent on specific welding procedure (including shielding gas, flux, PWHT etc) and should always be confirmed by approval of an appropriate welding procedure.**

**CLASSIFICATION** DIN 4334 FE-WL1806 (15CrMnMoV5-4-9-3)  
W.Nr. 1.7734

**SUITABLE FOR** 1.7734  
15CrMoV6, 25CrMo4, 35CrMo4, 20CrMo12, 15CDV6,

**APPROVALS** CE

**WELDING POSITIONS**

**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

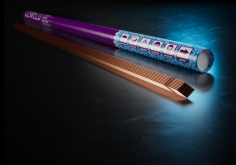
C	Si	Mn	P	S	Cr	Mo	V
0.14	0.15	1	0.008	0.008	1.4	0.9	0.22

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded	900	1200	10	42 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11



# CEWELD SG CrMoV6 Tig

SG CRMOV6 TIG 1,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720682051283

SG CRMOV6 TIG 1,2 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411440

SG CRMOV6 TIG 1,6 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411464

SG CRMOV6 TIG 2,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411488

SG CRMOV6 TIG 2,4 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663411501