



CEWELD G3

TYPE	Copper-coated filler metal for gas welding (0,5% Ni)	
APPLICATIONS	Gas welding of steels that require good impact properties at low temperature.	
PROPRIÉTÉS	Excellent impact properties at low temperatures due to the addition of Nickel with increased yield strenght.	
CLASSIFICATION	AWS	A 5.2: R60
	EN ISO	20378: O III
	F-nr	6
	FM	1

CONVIENT POUR Steels up to a yield strength of 275MPa (40 ksi). S185-E295, S235JR-S275JR ASTM: A36, A106 grades A/B/C, A139 grade A, A210 grades A1/C, A216 grades WCA/WCB/WCC, A234 grade WPB

AGRÉMENTS CE



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Ni
	0.1	0.1	1.1	0.4

PROPRIÉTÉS MÉCANIQUES	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	
					RT	Hardness
	As Welded	340	470	20	65	HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 None