



# CEWELD G1

<b>TYPE</b>	Copper-coated unalloyed rod for gas welding.						
<b>TOEPASSINGEN</b>	Gas welding of unalloyed steels with a minimum tensile strength of 340 MPa. Mainly used for welding plates, pipes and other profiles with low strenght required.						
<b>EIGENSCHAPPEN</b>	Joints are homogenous and soft, the mechanical treatment is very good.						
<b>CLASSIFICATIE</b>	AWS	A 5.2: R45					
	EN ISO	20378: 0 I					
	W.Nr.	1.0324					
	F-nr	6					
	FM	1					
<b>GESCHIKT VOOR</b>	1.0035, 1.0561, 1.0308, 1.0305 S185, S235JR, St33, St52, St35, St35.8, ASTM: A36, A106 grades A/B, A139 grade A, A216 grades WCA/WCB/WCC, A234 grade WPB						
<b>GOEDKEURINGEN</b>	CE						
<b>LASPOSITIES</b>							
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	C	Si	Mn				
	0.08	0.1	0.5				
<b>MECHANISCHE WAARDEN</b>	Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
	As Welded	300	400	20	RT	0°C	HRC
					35	30	
<b>HERDROGEN</b>	Not required						
<b>GAS ACC. EN ISO 14175</b>	None						