



CEWELD G1

TYPE Copper-coated unalloyed rod for gas welding.

ANWENDUNGEN Gas welding of unalloyed steels with a minimum tensile strength of 340 MPa. Mainly used for welding plates, pipes and other profiles with low strength required.

EIGENSCHAFTEN Joints are homogenous and soft, the mechanical treatment is very good.

KLASSIFIKATION

AWS	A 5.2: R45
EN ISO	20378: 01
W.Nr.	1.0324
F-nr	6
FM	1

GEEIGNET FÜR 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

ZULASSUNGEN CE

SCHWEISSPOSITIONEN

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn
	0.08	0.1	0.5

MECHANISCHE GÜTEWERTE	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					RT	0°C	
	As Welded	300	400	20	35	30	HRC

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 None