








CEWELD G1

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| TYPE | Copper-coated unalloyed rod for gas welding. | | | | |
| APPLICATIONS | 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. | | | | |
| PROPERTIES | Joints are homogenous and soft, the mechanical treatment is very good. | | | | |
| CLASSIFICATION | AWS | A 5.2: R45 | | | |
| | EN ISO | 20378: O I | | | |
| | F-nr | 6 | | | |
| | FM | 1 | | | |
| | W.Nr. | 1.0324 | | | |
| SUITABLE FOR | 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 | | | | |
| APPROVALS | CE | | | | |
| WELDING POSITIONS |        | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Si | | | Mn |
| | 0.08 | 0.1 | | | 0.5 |
| ALL WELD MECHANICAL PROPERTIES | Heat Treatment | R _{P0,2} MPa | R _m MPa | A5 (%) | Impact Energy (J) ISO-V RT |
| | As Welded / | 300 | 400 | 20 | 35 |
| | | | | | 0°C 30 |
| REDRYING TEMPERATURE | Not required | | | | |
| GAS ACCORDING EN 14175 | None | | | | |