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ABSTRACT OF THE DISCLOSURE

A non-copper-plated solid wire for CO₂ gas shielded arc welding. The non-copper-plated solid wire for CO₂ gas shielded arc welding with excellent feedability ensures a reduced amount of generated spatters when welded at a relatively low current area, resulting from controlling the ten point average roughness (Rz) of the wire surface to 0.10 to 9.00 μm and the Vickers micro-hardness of the wire surface (Hv(1g)) to 125 to 310. Therefore, the welding operation can be carried out with a high efficiency to produce a weld of good quality.