

PRODUCT INFORMATION

WELDABILITY A18

EN ISO 14341-A: G 42 2 C1 / M21 3Si1

DESCRIPTION

Copper coated double-deoxidised mild steel MIG wire for welding unalloyed and low-alloyed mild and medium tensile steels, for impact toughness down to -20C. Manufactured with a high-quality copper finish for improved feeding. Precision layer wound.

WELDING POSITIONS



Suitable for use in general fabrication, construction, tanks and boilers, repair and autobody applications. Comprises manganese and silicon to provide good mechanical properties.

TYPICAL WELD METAL COMPOSITION

C	0.1 %
Si	0.8 %
Mn	1.3 %

TYPICAL MECHANICAL PROPERTIES

Melting Point	1450°C
Ult Tensile Strength	400 N/mm ²
Hardness	120

MATERIAL TO BE WELDED

Can be used on a wide variety of mild steels, structural steel, fine-grain steel, pipe steel, boiler steel and cast steel.

AVAILABLE FORMATS

Dia	0.7kg	5.0kg	15kg
0.6mm	VZ180607	VZ180650	
0.8mm	VZ180807L	VZ180850L	VZ180815LW
1.0mm			VZ181015LW
1.2mm			VZ181215LW
1.6mm			VZ181615LW

Current :	DC =+
Shielding Gas :	CO ₂ , ArCO ₂

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@wholeweld.co.uk

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