

PRODUCT INFORMATION

SIFCORED E70C-6M

EN ISO 17632-A-T 46 4 M M 1 H5
AWS A5.18 E70C-6M

DESCRIPTION

A metal cored wire which produces low hydrogen weld metal with good mechanical properties. SIFCORED E70C-6M is suitable for welding mild steel and 490MPa high tensile steels.

WELDING POSITIONS



Suitable for use in all positions and is especially good for high speed vertical down with negative polarity.

TYPICAL WELD METAL COMPOSITION

	DC+	DC-
C	0.08	0.08
Si	0.52	0.50
Mn	1.43	1.39
P	0.008	0.009
S	0.009	0.009

TYPICAL MECHANICAL PROPERTIES

	DC+	DC-
Ult Tensile Strength	600 N/mm ²	604 N/mm ²
Yield Strength	510 N/mm ²	523 N/mm ²
Impact Values ISO-V	110J @ -40°C	116J @ -40°C
Elongation	30%	29%

MATERIAL TO BE WELDED

Well suited for applications such as steel work, ship building, bridge construction and tank building.

AVAILABLE FORMATS

SPOOLED WIRE			
Dia		5kg	15kg
1.2mm		WO701250	WO701215

Shielding Gas :	ArCO ₂
Current :	DC =+/DC=-

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com



Registered in England No. 1684362
Registered Office: as above

Doc Ref : SIF/PSI/WO701250/15