



**PRODUCT INFORMATION**

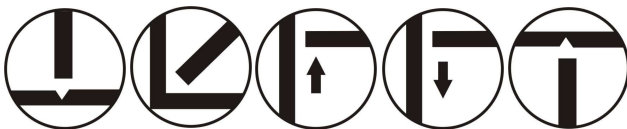
**SIFCORED E70C-6M**

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 <sup>2</sup>	604 N/mm <sup>2</sup>
Yield Strength	510 N/mm <sup>2</sup>	523 N/mm <sup>2</sup>
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 <sub>2</sub>
Current :	DC =+/DC=-

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



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Registered Office: as above

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