

PRODUCT INFORMATION

SIFTrode 7018

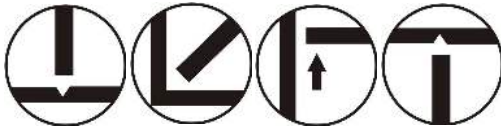
EN ISO 2560 E 42 4 B 4 2 H5
EN499 E 42 B 42

AWS A5.1 E 7018

DESCRIPTION

SIFTrode 7018 is a basic coated electrode with extremely low H₂ content and very high efficiency, designed for welding carbon and carbon-manganese steels with tensile strength up to 510 MPa. It is characterized by very good mechanical properties, especially at low temperatures. CE certified and Lloyds approved.

WELDING POSITIONS



Suitable for use in all positions except vertical down.

TYPICAL WELD METAL COMPOSITION

C	0.05%
Mn	1.3%
Si	0.4%
S	0.015%
P	0.02%

TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	560 N/mm ²
Yield Strength	470 N/mm ²
Elongation	≥26%
Impact Values	≥60J @ -40°

MATERIAL TO BE WELDED

SIFTrode 7018 is used in applications such as tanks, boilers, structural steel works, earth moving and construction machinery. SIFTrode 7018 provides excellent X-ray results. This product can be used on beams, bridges, building industry, carbon steel, carrying trade, earthworks machines, maintenance, Navy yards, pipelines, pressure vessels, shipbuilding and tanks.

AVAILABLE FORMATS

ELECTRODE RODS	
Dia	5kg
2.5mm	RE702550
3.2mm	RE703250
4.0mm	RE704050

Current Range	
Dia	Amps
2.5mm	60 – 100
3.2mm	85 – 130
4.0mm	130 – 170

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



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