

Ferex 7016

Ferex 7016 is an all positional ,thinly coated basic electrode designed to give excellent toughness down to -40 °C .

Specifications	
Classifications	SFA/AWS A5.5 : E7016-G-H8 EN ISO 2560-A : E 42 5 B 12 H5
Approvals	ABS : 3Y H5 BV : 3Y H5 CE : EN 13479 DB : 10.040.01 LR : 3Y H5 UKCA : EN 13479 VdTÜV : 03861

Approvals are based on factory location. Please contact ESAB for more information.

Welding Current	AC, DC+-
Diffusible Hydrogen	<5ml/100g
Alloy Type	Carbon manganese
Coating Type	Basic covering

Typical Tensile Properties			
Condition	Yield Strength	Tensile Strength	Elongation
ISO			
As Welded	470 MPa	550 MPa	26 %

Typical Charpy V-Notch Properties		
Condition	Testing Temperature	Impact Value
ISO		
As Welded	-50 °C	70 J

Deposition Data					
Diameter	Current	Voltage	Efficiency (%)	Fusion time per electrode at 90% I max	Deposition Rate
2.5 x 350.0 mm	60-90 A	23 V	63 %	56 sec	0.77 kg/h
3.2 x 450.0 mm	70-140 A	24 V	60 %	77 sec	1.13 kg/h
4.0 x 450.0 mm	110-180 A	22 V	63 %	90 sec	1.49 kg/h