

Coromig 58

A general purpose metal cored wire for use with argon / carbon dioxide or carbon dioxide shielding gas. Diameters less than 1.4mm are all-positional.

Classifications Weld Metal:	SFA/AWS A5.36:E71T15-C1A2-CS1, SFA/AWS A5.36:E71T15-M21A2-CS1, EN ISO 17632-A:T 42 2 M C1 1 H10, EN ISO 17632-A:T 42 2 M M21 1 H10
Approvals:	CE EN 13479

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

Welding Current:	DC+-
Diffusible Hydrogen:	< 10 ml/100g
Alloy Type:	C Mn

Typical Tensile Properties			
Condition	Yield Strength	Tensile Strength	Elongation
M21			
As welded	470 MPa	550 MPa	28 %

Typical Charpy V-Notch Properties		
Condition	Testing Temperature	Impact Value
M21		
As welded	-20 °C	98 J

Deposition Data				
Diameter	Current	Voltage	Wire Feed Speed	Deposition Rate
1.2 mm	100-320 A	16-32 V	1.8-12.0 m/min	1.3-7.5 kg/h
1.6 mm	140-450 A	18-36 V	1.5-8.5 m/min	1.6-8.0 kg/h