

OK Femax 38.48

OK Femax 38.48 is a high-recovery, iron powder, LMA electrode, which gives extremely smooth fillets of equal leg length and very low emissions of fume and spatter. It is very easy to weld and is especially suitable for horizontal fillets with a leg length of 4-6.4 mm. OK Femax 38.48 is as easy to use as a rutile electrode, but the weld metal quality corresponds to that of basic electrodes. The slag is easy to remove. Also available in Fematic length.

Specifications

Classifications

SFA/AWS A5.1 : E7028

EN ISO 2560-A : E42 3 RB 53 H10

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	460 MPa	545 MPa	27 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As Welded	+20 °C	140 J
As Welded	0 °C	120 J
As Welded	-20 °C	100 J
As Welded	-30 °C	80 J
As Welded	-40 °C	35 J

Deposition Data

Diameter	Current	Voltage	Efficiency (%)
3.2 mm	100-160 A	24 V	150 %
4 mm	150-230 A	28 V	150 %
5 mm	200-320 A	32 V	150 %
5.6 mm	250-330 A	34 V	150 %