

UN-E308 Stainless Steel Electrodes 不锈钢焊条

Standard: AWS E308-16 JIS E308-16 DIN E199R26 GB/T E308-16(A102)

Description: E308-16 is low carbon Cr19Ni10 Stainless steel type of electrode with Titanium-calcium coating. It provides excellent mechanical performance as well as anti-intercrystalline corrosion performance between. It can be operated on both AC and DC with outstanding operation performance.

Chemical composition of weld metal(%):

c	Mn	Si	Cr	Ni	S	P	Mo
≤0.08	0.5-2.5	≤0.09	18-21	9-11	≤0.03	≤0.04	0.75

Mechanical properties of weld metal:

Test item	Tensile strength Mpa	Elongation %
Guaranteed	≥550	≥35

Recommended current:

Weld rod diameter (mm)	2.0	2.5	3.2	4.0	5.0
Welding current (A)	25-50	50-80	80-110	110-160	160-200

PACKING

Size(mm)	2.0×300	2.5×300	3.2×350	4.0×350	Pvc Box	1kgs	5kgs
Piece(1kgs)≈	80pcs	48pcs	48pcs	19pcs	Carton	10kgs	20kgs

UN-E308L Stainless Steel Electrodes 不锈钢焊条

Standard: AWS E308L-16 JIS E308L-16 DIN E199LR23 GB/T E308L-16(A002)

Description: E308L-16 is a super-low carbon Cr19Ni10 stainless steel type electrode coated with Titanium-calcium. The molten metal content is ≤0.04%. It provides excellent performance of intercrystalline corrosion resistance. It has excellent operational technological performance on both AC and DC.

Chemical composition of weld metal(%):

c	Mn	Si	Cr	Ni	S	P	Mo	Cu
≤0.04	0.5-2.5	≤0.90	≤18-21	9-11	≤0.03	≤0.04	≤0.75	≤0.75

Mechanical properties of weld metal:

Test item	Tensile strength Mpa	Elongation %
Guaranteed	≥520	≥35

Recommended current:

Weld rod diameter (mm)	2.0	2.5	3.2	4.0	5.0
Welding current (A)	25-50	50-80	80-110	110-160	160-200