

AP-E6013 Carbon Steel Electrodes 碳钢焊条

Standard: AWS E6013 JIS D4313 DIN E4342R(C)3 ISO E433R12 GB/T E4313(J421)

Description: AWS E6013 is Carbon steel type electrode with Titanium Oxide coating. It is suitable for all-position Welding along With the excellent welding performances and can be used both of AC and DC. The arc is stable and easy to re-strike.

Chemical composition of weld metal(%):

c	Mn	Si	S	P
≈0.12	0.3-0.6	≤0.35	≤0.035	≤0.040

Mechanical properties of weld metal:

Test item	Tensile strength Mpa	Yield strength Mpa	Elongation %	Impact value (J)0°C
Guaranteed	≥420	≥330	≥22	≥47
Tested	490	400	27	60

PACKING

Size(mm)	2.0 × 300	2.5 × 300	2.5 × 350	2.5 × 350	4.0 × 400	5.0 × 400
Piece(1kgs)≈	100pcs	52pcs	48pcs	30pcs	17pcs	12pcs
Per Box(kgs)	2.5kgs/5kgs	2.5kgs/5kgs	5kgs	5kgs	5kgs	5kgs
Boxes/Carton	8.4	8.4	4	4	4	4
Per Carton(kgs)	20kgs					

AP-E7018 Carbon Steel Electrodes 碳钢焊条

Standard: AWS E7018 JIS D5018 DIN E5154B(R)10 ISO E515 B110 26(H) GB/T E5018

Description: AWS E7018 is Iron powder Low-hydrogen potassium coated carbon steel type electrode. It can be operated in all position welding on DC reversed The weld is neat and smooth with fewer spatters; its molten depth is well situated.

Chemical composition of weld metal(%):

c	Mn	Si	S	P
≤0.12	≤1.6	≤0.75	≤0.035	≤0.040

Mechanical properties of weld metal:

Test item	Tensile strength Mpa	Yield strength Mpa	Elongation %	Impact value (J)-30°C
Guaranteed	≥490	≥400	≥22	≥27
Tested	520-580	≥410	25-30	55-220