

ESSEN[®] FC 310

All position Flux cored wire for welding of AISI 310 steels, carbon steel to stainless steels, high alloy heads and corrosion resistant casting of similar composition.

GRADE	AWS A5.22 E310T1-1
PROPERTIES	<ul style="list-style-type: none"> • All position wire provides excellent hot-crack resistance. • Provides excellent arc stability, low spatter and high deposition. • Self-peeling slag and easy post weld finishing. • Avoid Concave welding, keep the interpass weld temperature under 250°F.

TYPICAL ANALYSIS OF ALL-WELD METAL %

C	Si	Mn	P	Cr	Ni	Mo	Cu
0.10	0.82	1.40	0.015	25.90	20.40	0.10	0.08

TYPICAL ANALYSIS OF ALL-WELD METAL %

Tensile Strength MPa	Yield Strength MPa	Elongation %
585	--	38

WELDING PARAMETERS

Polarity	Shielding Gas	Amps A	Voltage V
DC+	75%Ar/ CO ₂ 25% 100%Co ₂	150-240	24-32

PACKING

Wire Dia in MM.	Packing per spool
1.20	12.5 Kgs



ESSEN

WELDING ALLOYS PVT. LTD.

(Formerly known as Asugar Engineers Pvt. Ltd.)

An ISO 9001-2015 Certified Company

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