



NOUVARC FC-LA-3

Flux Cored Arc Welding Wires

AWS A 5.29 E90 T5-K2

Application

NOUVARC FC-LA3 is Specially designed for welding of structural steels like HSLA 80, LA 60, SAILMA MA 450 and other similar grade steels

Chemical Composition of Weld Metal

	C	Mn	Si	P	S	Cr	Mo	Ni	Shielding Gas
AWS Apec	0.15 Max	0.50 - 1.75	0.8 Max	0.03 max	0.03 max	0.15 max	0.35 max	1.0 - 2.0	
Typical	0.10 max	0.90 - 1.30	0.45 max	0.03 max	0.03 max	0.15 max	0.35 max	1.3 - 1.5	100% Co2

Mechanical Properties of Weld Metal

	AWS Specs	Typical
UTS	620 - 760 Min	690 - 730 Min
YS	540 Min	610 Min
% Elongation	17 Min	20 Min
IMPACT	-51 Deg C = 27J	45 J Min
Shielding Gas		100% Co2

ISO 9001 Certified Company

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