



Chandraprabhu Enterprise Private Limited

LOW ALLOY WELDING WIRES

Name: CEPL-107 AWS A 5.29 E91 T1-B3

Weld metal chemistry (with CO2 shield)	C = 0.10% Max, Mo = 0.90–1.10%, Mn = 0.90 to 1.10%, P = 0.03% Max, Si = 0.60% Max, S = 0.03% Max, Cr = 2.10–2.30%		
Typical all weld mechanical properties (with CO2shield)	UTS = 650N/mm2 Min; YS = 580N/mm2 Min; Elongation(%) = 19 min		
Welding parameter guidelines (with CO2 shield)	Size	Range	Recommended
	1.20mm	90–300A, 18–28V	180–300A, 22–26V(F), 100–150A, 18–22V(P)
	1.60mm	125–400A, 18–30V	220–350A, 25–30V(F), 125–200A, 18–22V(P)

a gift to trust