



Chandraprabhu Enterprise Private Limited

MILD STEEL WELDING WIRES

Name: CEPL-301 AWS A 5.20 E71 T-5

Weld metal chemistry (with CO2 shield)	C = 0.09% Max, S = 0.03% Max, Mn = 1.00 to 1.50%, P = 0.03% Max, Si = 0.60% Max		
Typical all weld mechanical properties (with CO2 shield)	UTS = 550 N/mm ² ; Y.S. = 470 N/mm ² ; Elongation (%) = 25(L = 4d) Typical charpy V notch Impact value at -30°C = 70 Joules; -40°C = 50 Joules.		
Welding position	All		
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