



Chandrabrabhu **E**nterprise **P**rivate **L**imited

MILD STEEL WELDING WIRES

Name: CEPL-101AWS A 5.20 E70 T-1

Weld metal chemistry (with CO2 shield)	C = 0.10% Max, S = 0.025% Max, Mn = 1.00 to 1.60%, P = 0.025% Max, Si = 0.55% Max		
Typical all weld mechanical properties (with CO2 shield)	UTS = 520N/mm²; YS = 470N/mm²; Elongation(%) = 23(L = 4d) min Typical charpyVnotch Impact value at -20°C = 50 Joules		
Welding position	Flat and Horizontal		
Welding parameter guidelines (with CO2 shield)	Size	Range	Recommended
	1.20mm	90-300A, 18-28V	180-300A, 22-26V
	1.60mm	125-400A, 18-30V	220-350A, 25-30V

a gift to trust