

UPW-801

EN -
DIN -



Deposit Characteristic

UPW-801 is a Ni, Mo alloyed steel flux cored wire for submerged arc welding. Applied with the UPW-888 fused type flux, the deposit has an excellent compressive strength and toughness, and generally acts as the buffer layer.

Recommended Application

Buffer layers on roller presses, conveyor rolls, work rolls, and backup rolls
Shafts rebuilding

Composition	Microstructure	Flux	Typical Weld Deposit Mechanical Property
Fe-Ni-Mo	Low alloy steel (ferrite, bainite)	UPW-888 (fused type)	Hardness (3 layers): 22 HRC Tensile Strength: 760 MPa Elongation: 25%

Diameter (mm)	Type	Voltage	Current	Stick-out	Packing
Ø3.2	DC+	26~30V	400~500A	30~40mm	250 kg in drum 50 kg wire spool