

UPW-814

EN
DIN

14700 T Fe7
8555: UP-5-GF-45-C



Deposit Characteristic

UPW-814 deposit is classified as the 13% Cr martensitic stainless steel which is generally used to protect the workpieces from the thermal fatigue and corrosion. Unique chemical composition design not only brings remarkable workability, such as easy-to-remove slag and stable arc with less spatters during welding, but also effectively suppresses the porosities.

Recommended Application

Hardfacing on the continuous casting rollers, table rolls (conveyor rolls) and other rolls used in hot rolling production line in steel mills

Composition	Microstructure	Flux	Typical Weld Deposit Mechanical Property
Fe-Cr-Ni-Mo	Martensite Ferrite	UPW-882 (sintered type)	37~43 HRC

Diameter (mm)	Type	Voltage	Current	Stick-out	Packing
Ø3.2	DC+	26~32V	250~450A	25~35mm	250 kg in drum 50 kg wire spool