

UPW-813

EN
DIN

14700 T Fe7
8555: UP-5-GF-200-C



Deposit Characteristic

UPW-813 deposit is classified as the 17% Cr ferritic stainless steel designed to be the buffer layer between the base material and the subsequent hardfacing overlay. 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

Buffer layers on the continuous casting rollers and table rolls (conveyor rolls) in steel mills

Composition	Microstructure	Flux	Typical Weld Deposit Mechanical Property
Fe-Cr	Ferrite	UPW-882 (sintered type)	160~240 HB

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