

UPW-803

EN
DIN

14700 T Fe3
8555: UP-3-GF-50-GP



Deposit Characteristic

Developed on the basis of the concept of H12 tool steels, the addition of Cr, Mo, W and V elements gives UPW-803 deposit the properties to work against severe metal-to-metal sliding wear and sustain itself with high hardness at elevated temperature.

Recommended Application

Hardfacing on pinch rolls, wrapper rolls and table rolls (conveyor rolls) in steel mills

Composition	Microstructure	Flux	Typical Weld Deposit Mechanical Property
Fe-Cr-Mo-W-V	Martensite	UPW-882 (sintered type)	47~53 HRC

Diameter (mm)	Type	Voltage	Current	Stick-out	Packing
Ø3.2	DC+	26~32V	300~450A	25~40mm	250 kg in drum 50 kg wire spool