

UPW-628

EN
DIN14700: T ZFe15
8555: MF 10-GF-65-G

Deposit Characteristic

UPW-628 overlay is characterized by the structure of the fine Niobium and Chromium carbides evenly embedded in the iron-based matrix which gives outstanding abrasion resistance and moderate impact resistance to the component where the UPW-628 wire is applied.

Recommended Application

Coal crushers in coal firing power stations, grinding rollers and tables in vertical mills in cement plants, chutes and screens in steel and mining industry, and wear plates manufacturing

Composition	Microstructure	Typical Weld Deposit Mechanical Property
Fe-Cr-Nb-C	Austenite + Martensite Chromium carbide Niobium carbide	62~68 HRC

Diameter (mm)	Type	Voltage	Current	Stick-out	Packing
Ø2.8	DC+	27~30V	300~450A	30~40mm	250 kg in drum