

UPW-629

EN
DIN14700: T ZFe16
8555: MF 10-GF-65-G

Deposit Characteristic

By adding refractory elements Nb, Mo, V and W in the UPW-629 welding wire, the deposit has extremely hard complex carbides and is able to sustain itself with excellent mechanical properties against severe abrasion wear at elevated temperature up to 800°C.

Recommended Application

Sinter crushers and grizzly bars in sinter plants, screens, top feeder spouts, distribution chutes in the blast furnaces and where high temperature and severe abrasion are considered

Composition	Microstructure	Typical Weld Deposit Mechanical Property
Fe-Cr-Mo-Nb-W-V-C	Austenite Complex carbides	62~69 HRC

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