LZ632

CLASSIFICATION:

EN14700 DIN 8555
T Fe 16 MF 10-60-G

CHARACTERISTICS

LZ632 is a highly C- Cr- Mo- Nb- W- V- alloyed open arc flux-cored wire, which forms extremely complex hard carbides. This is used for hardfacing to extremely strong abrasive mineral wear. The deposit retains its wear resistance up to 800°C. The structure consists of primarily and eutectic solidifying Cr- carbides plus Nb- Mo- W- V- carbides. The hardness reduction at a temperature of 400°C is approximately 4% and at 700°C approximately 10 %. This wire is recommended for use in sintering plants, augers and blast furnace bells, The properties are reached in only three layers and relief checking is normal.

APPLICATION

Sinter crusher, sinter grates, hot screening units, blast furnace hoppers and throats, ovens, extractor fans etc..

TYPICAL ALL WELD METAL ANALYSIS

C	Mn	Si	Cr	Nb	Mo	W	V	Fe
4.8	1.2	1.0	25.0	7.0	4.0	1.5	1.5	Bal.

Hardness: 58-65HRC Recovery: over 90% Welding Position: Flat

PARAMETER

Diameter	Voltage	Amps
1.6mm	25-29V	200-300A
2.0mm	27-31V	250-350A
2.4mm	28-31V	300-400A
2.8mm	28-32V	350-450A

PACKING

1.6mm: 15kg/spool (1.6mm)
Over 2.0mm: 25kg/Coil, 50kg/Coil, 250kg/Drum

Remark: Chemical composition and hardness are tested according to prescribed standard, actual results might be vary depending on many factors, like weld procedure, temperature etc, please contact our sales before use it in the intended application.