



LZ643

CLASSIFICATION:

EN14700 DIN 8555
T Fe 16 MF 10-65-G

CHARACTERISTICS

LZ643 is a highly C- Cr- Mo- W- Nb alloyed open arc or gas shielded arc flux-cored wire that deposits a very hard martensitic micro structure with carbides. The deposit is resistant to strong mineral abrasion also at higher temperatures. It has good result on hardfacing sinter parts

APPLICATION

Sinter crusher, sinter grates in steel industry, mineral and brick industry, cement industry, mineral crushing, etc.

TYPICAL ALL WELD METAL ANALYSIS

C	Mn	Si	Cr	Mo	W	Nb	Fe
5.4	0.6	0.9	21.0	1.0	1.0	1.0	Bal.

Hardness: 59-65HRC

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.