



LZ590

CLASSIFICATION:

EN14700 DIN 8555
T Fe 15 MF 10-60-G

CHARACTERISTICS

LZ590 is open arc flux cored wire, high chromium carbide deposit metal resist to severe abrasion and moderate impact loading. Typical application including hardfacing cursher, wear pipe, earthmoving equipment in mining. Relief checking is normal.

APPLICATION

Wear pipe, crusher cones and mantles, shovel bucket, fan blades, pumps, concrete mix parts, scrapers, liner plate, shovel bucket, fan blades, pumps, concrete mix parts, scrapers, etc

TYPICAL ALL WELD METAL ANALYSIS

C	Mn	Si	Cr	Fe
4.5	0.8	0.6	24.0	Bal.

Hardness: 55-63HRC 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.