# **LNM 420FM**

#### CLASSIFICATION

EN 14700 SI

S Fe8

Mat-Nr 1.4718

### GENERAL DESCRIPTION

Solid wire for wear resistant overlays

High resistance against corrosion, abrasion and impact deformation

Hardness approximately 55-60HRc

Optimal weldability

Ferritic and martensitic structure

## WELDING POSITIONS (ISO/ASME)

SHIELDING GASES (ACC. ISO 14175)

M21

: Mixed gas Ar+ >15-25% CO,











#### CHEMICAL COMPOSITION (W%) TYPICAL WIRES

C	Mn	Cr	Si
0.5	0.4	9.0	3.0

### MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Typical hardness values

2 Layers, AW : approx. 60 HRc

heat resistant to 450°C

#### APPLICATION

Dies

Matrix

Parts for agricultural machinery

Transport rolls

Sand pumps

#### PACKAGING AND AVAILABLE SIZES

Diameter (mm)	1.0	1.2	
15 kg spool B300	Х	Χ	

Other sizes and packaging on request

LNM 420FM: rev. C-EN24-01/02/16



