

LNM 420FM

CLASSIFICATION

EN 14700 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)



PA/1G



PB/2F



PC/2G



PD/4F



PE/4G



PF/3Gu

SHIELDING GASES (ACC. ISO 14175)

M21 : Mixed gas Ar+ >15-25% CO₂

CHEMICAL COMPOSITION (W%) TYPICAL WIRES

C	Mn	Cr	Si
0.5	0.4	9.0	3.0

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

2 Layers, AW
 heat resistant to 450°C

Typical hardness values
 : approx. 60 HRC

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	X	X

Other sizes and packaging on request

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