LNM 420FM

CLASSIFICATION

EN 14700 - S Fe8

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













SHIFI DING GASES (ACC ISO 14175)

M21 : Mixed gas Ar+ >15-25% CO

CHEMICAL COMPOSITION (W%) TYPICAL WIRES

С	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 (m	m) 1.0	1.2	1.6
Unit: 15 kg spool B3	300 X	Χ	Χ

Other sizes and packaging on request

LNM 420FM: rev. EN 23



All information in this data sheet is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any udpated information. Fumes: Material Safety Data Sheets (MSDS) are available on our website.