

Hardfacing solid wire

Classification

DIN 8555 : MSG 6-GZ-60-PS

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

Shielding gases (acc. ISO 14175)

M21 Mixed gas Ar+ >15-25% CO₂

Application

Dies

Matrix

Parts for agricultural machinery

Transport rolls

Sand pumps

Chemical composition (w%) typical wire

C	Mn	Si	Cr
0.5	0.4	3	9

Mechanical properties, typical, all weld metal

	Typical hardness values
2 Layers, AW	approx. 60 HRc
Heat resistant to 450°C	

Packaging and available sizes

Unit type	Diameter (mm)
	1.2
15 kg spool B300	X

LNM 420FM: rev. EN 22

Liability: All information in this data sheet is based on the best available knowledge, is subject to change without notice and can only be considered as suitable for general guidance **Fumes:** Consult information on Welding Safety Sheet, available upon request