

# Lastifil 2015 G

## Extreme abrasion- and corrosion resistance

### CLASSIFICATION

EN ISO 14700 : T Ni20 - 55cgtz  
DIN 8555 : MF 21 GF 55 - CGTZ

### GENERAL DESCRIPTION

Lastifil 2015G deposits wear resistant tungsten carbide particles embedded in a corrosion resistant Nickel base matrix. Uniform wear resistance is guaranteed by the very hard matrix (up to 55 HRC). This matrix is resistant to acids and many corrosive media. Parent metals to be hardfaced include ferritic and austenitic stainless steels. The flux cored wire works much faster and with less discomfort for the welders than flexible oxy-acetylene composite rods, depositing equivalent material.

### APPLICATIONS

Dredging, foundries, brickworks, agriculture, mixers for chemicals, food, silage, ...

Hardness: Tungsten carbide particles (2.000-2.400 Vickers) in a Nickel base matrix of 55 HRC.

### CHEMICAL COMPOSITION (%) (Typical values, all weld metal)

WC : 55.00 - 65.00	MATRIX Ni-Cr-B-Si			

### MECHANICAL PROPERTIES (Typical values, all weld metal)

Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation 5d (%)	Impact Strength Charpy V notch (ISO-V)

### GENERAL INFORMATION

**Welding positions** PA, PB, PC

**Shielding gas** Ar/O<sub>2</sub> (M13: EN ISO 14175)

**Packing** 15 kg spool (in a cardboard box)

**Polarity** DC+

**Diameter (mm)** 1.2 1.6 2.4

**Tips & tricks** Lastifil 2015G can be used for open-arc welding without protective gas.

*The information in this document is based on intensive tests and is accurate to the best of our knowledge. Do note that these values are only typical values for tests in accordance to prescribed standards. The suitability of the product should always be confirmed by qualification tests before use in any application. The information can be changed without previous notice.*