

Lastofil 256 G

Flux cored wire on Cobalt base

CLASSIFICATION

EN ISO 14700 : T Co 2-45-CTZ

DIN 8555 : MF 20-45-CTZ

GENERAL DESCRIPTION

Tubular hardfacing wire with exceptional resistance against corrosion and wear at red heat (up to 1100°C - 2010°F).

Surfacing of parts subjected to thermal or mechanical shocks and metal to metal wear.

The original room temperature hardness is picked up again even after prolonged exposure to high or fluctuating temperatures.

The deposit can be machined with hardmetal tools.

APPLICATIONS

Petrochemical industries: valves, valve seats, nozzles.

Parts that must resist to rubber, plastic, petroleum, and corrosive attack by oxidising acids.

Valve and valve seats of ship engines.

Food and pharmaceutical industry.

Hardness: 40 - 43 HRC.

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

C : 1.10	Cr : 28.00	Fe : < 3.00	W : 4.50	Mn : 1.00
Si : 1.00	Co : Balance			

MECHANICAL PROPERTIES (Typical values, all weld metal)

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

GENERAL INFORMATION

Welding positions All

Shielding gas Argon

Packing 15 kg spool (in a cardboard box)

Polarity DC+

Diameter (mm) 1.2 1.6 2.4

Tips & tricks

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.