

Technical data sheet

011121MBA

Cored thermal spray wire
HARDSPRAY C-TS**CLASSIFICATION**

EN ISO 14919: NA

DESCRIPTION

- Metal cored wire specifically designed for thermal spray with the twin wire arc process.
- Produces dense, low oxide containing and tight deposits
- Corrosion resistant.
- Heat resistant

APPLICATIONS

- Rebuilding of bearing areas on nickel base components.
- Ball valves for the paper, chemical, petrochemical and offshore industries.
- Separators in the oil and gas industry.
- Digesters in the pulp and paper industry.

TYPICAL DEPOSIT ANALYSIS

| C | Mn | Si | Cr | Fe | Mo | W | Ni |
|------|------|------|------|------|------|------|------|
| 0.05 | 0.60 | 0.50 | 16.0 | 5.00 | 16.0 | 4.50 | Bal. |

TYPICAL DEPOSIT PHYSICAL AND MECHANICAL PROPERTIESAs-sprayed hardness: up to 200 HV₁₀ (according to the spraying parameters)**TYPICAL SPRAYING PARAMETERS (1.6 mm wire)**

Arc load voltage: 31V
Current intensity: 150A
Standoff distance: 75-100mm
Spraying rate: 3.5-4.0 kg/hour
Other parameters according to equipment.

STANDARD DIAMETERS (mm)

1.6
Other diameters: please consult us

PACKAGING

| Diameter | 1.6 mm | |
|------------|----------------|---------------|
| Spool type | Plastic BS 300 | Plastic R 392 |
| Weight | 15 kg | 25 kg |

Other packaging: please consult us