



PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions
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Technical Data Sheet

(PT-95)

Equivalent to 95 MXC

Date: -28/09/2014

Customer's Name: -

Description: - Hardfacing Flux Cored Wire – Iron-Chrome-Boron

Size: - 1.6 mm

Chemical Composition

| S. No. | Description | Percentage Composition |
|--------|-------------|------------------------|
| 1. | Si | 0.5~1.5 |
| 2. | Cr | 27.0~31.0 |
| 3. | B | 3.0~5.0 |
| 4. | Mn | 1.0~3.0 |
| 5. | Fe | Balance |

Welding Procedure Parameters & Packing

| Diameter (mm) | Amperage (A) | Voltage (V) | Packing |
|---------------|--------------|-------------|-------------|
| 1.6 | 180-260 | 26-32 | 15 kg/spool |

Characteristics: -

- Good bonding properties
- The wire has excellent operating properties, good appearance
- Deposit material is high chromium alloy which give rise to high hardness under severe abrasive wear
- Hardness can reach up to ≥ 58 HRC



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Wire Arc Spray | Flame Spray | HVOF | Plasma Spray | Thermal Spray Wires | Thermal Spray Powders |