



# PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions

Add. : P. No. 331-A, Street No.14, M.M. Colony, Main Pal Road, JODHPUR-342008 (Raj.)

## Test Certificate

#PT-80SS

### 1. Chemical Composition

Description	Components							
<b>PT-80SS</b>	Fe	Cr	Ni	Mn	Si	C	P	S
	Bal.	18-20%	8-10%	2.0%	1.0%	0.08%	0.045%	0.03%

### 2. Mechanical Properties.

<b>Application</b>	<ul style="list-style-type: none"><li>• <b>Part Restoration</b></li><li>• <b>Resurface</b><ul style="list-style-type: none"><li>• Rams</li><li>• Paper Mill Cylinders</li><li>• Shafts</li><li>• Pump Plungers</li></ul></li></ul>
<b>Bond Strength</b>	4650 psi
<b>Typical Hardness</b>	HRB 90-100
<b>Deposit Rate</b>	10 lbs/hr/100A
<b>Deposit Efficiency</b>	70-75%
<b>Surface Texture</b>	Variable
<b>Machineability</b>	Good

- 3. Diameter:-** 1.6 mm (+0.00 & -0.08 mm)
- 4. Application:** Restoration & Resurfacing with anticorrosive properties
- 5. Process:** - Specifically made for Thermal spray - ARC spray.
- 6. Packing:** Plastic Spool (weight Varies from 11-15 kg)
- 7. Appearance:** Solid Metallic Grey, smooth surface without any burrs.

The properties listed are typical and not to be construed as guaranteed values. Actual properties may vary depending on customer operating conditions. Parat makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in Parat's terms and conditions.

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