



Test Certificate (Stainless Steel 420 Grade)

1. Chemical Composition

Description : PT60SS										
	Fe%	C%	Si%	Mn%	P%	S%	Cr%	Ni%	Cu%	Mo%
Min.	Bal	0.30	----	----	----	----	13.00	----	----	----
Max.		0.400	0.500	0.600	0.030	0.030	14.00	0.600	0.750	0.750
Results	Bal	0.32	0.37	0.49	0.024	0.009	13.14	0.185	0.085	0.03

2. Mechanical Properties.

Diameter	1.6/2.0/3.17 mm
Bond Strength	4100 psi
Deposit Efficiency	45-70%
Typical Hardness	93-97 Rb
Wire Coverage	1.0 kg/m ² /100µm
Deposit Rate	4.5 kg/hr/100 amp
UTS	108 kgf/mm ²

- 3. Application:** Anti-corrosion/Rust coating//Anti-wear.
- 4. Process:-** Specifically made for Thermal spray- Flame Spray and ARC spray.
- 5. Packing:** Plastic Spool (weight Varies from 11-15 kg)
- 6. Appearance:** Dull Metallic Grey, smooth surface without any burrs.

Checked by:

Approved By:

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.