

PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions
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Technical Data Sheet

(PT-06NC)

Date:- 28/09/2014

Customer's Name-

Description:- Ni80Cr20 for thermal spray

Size :- 1.6/2.0 mm

Chemical Composition

Sno	Description	Percentage Composition
1.	C	0.046%
2.	Si	1.20%
3.	Mn	0.22%
4.	P	0.002%
5.	S	0.001%
6.	Cr	21.11%
7.	Ni	76.35%
8.	Cu	----
9.	Mo	----
10.	Al	0.21%
11.	Fe	0.55%
12.	Ti	----
13.	Nb	----
14.	Co	----
15.	B	----

Mechanical Properties

S. No.	Description	Particulars
1.	Yield Strength	368 Mpa
2.	Tensile Strength	764 Mpa
3.	Elongation	36%
4.	Reduction Of Area	----
5.	Hardness	----
6.	Lifespan Hour	----
7.	Resistivity	1.10 $\mu\Omega$ -m20°

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