



PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions
Email: info@parattech.com, parattechnologies@gmail.com
Website: www.parattech.com

TEST CERTIFICATE

Inconel 625 Wire

(PT-INC625)

Customer Name: -

Diameter: - 1.6 mm

Chemical Analysis: -													
	Ni	Cr	Mo	NbTa	Fe	Al	Ti	C	Mn	Si	Cu	P	S
Specification Min.	58.00	20.00	08.00	3.15									
Specification Max.		23.00	10.00	4.15	05.00	0.4	0.4	0.1	0.5	0.5	0.5	0.015	0.015

Mechanical Properties: -						
Item	Tensile Strength Rm N/mm ²	Yield Strength RP0.2N/mm ²	Elongation A5%	Hardness HB	Density gm/cm ³	Melting Point °C
Inconel 625	760	345	30	≤ 220	8.4	1290-1350

Coating Properties: -	
Diameter	1/16"
Bond Strength	7000 psi
Deposition Efficiency	65-70%
Coating Density	7.2gm/cc ^c
Corrosion Resistance	Good
Melting Point	2400F

www.parattech.com

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