

CERTIFICATE OF ANALYSIS: 202310250078

Material Grade	Inconel 690 Powder	Product No.	NAM69-53150
Customer No.	AUTA	Order No.	AUTA-230825
Lot No.	20231020-02	Quantity	80 kg
Process	Gas Atomizing	Powder Size	53-150µm

Chemical Compositions / wt%

Element	Specification	Tested
Cr	28.5-31.0	29.64
Fe	9.0-11.0	10.32
Mo	0.50 max.	0.33
Al	0.40 max.	0.17
Ti	0.35 max.	0.12
Si	0.50 max.	0.25
C	0.05 max.	0.013
Cu	0.50 max.	0.27
S	0.015 max.	0.007
P	0.015 max.	0.009
Ni	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution	D10/um	D50/um	D90/um	Standards
(laser diffraction analysis)	68.8	106.9	144.5	GB/T 19077
Flowability (s/50g)		18.3		GB/T 1482
Apparent density (g/cm ³)		4.32		GB/T 1479.1

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2023-10-25