

CERTIFICATE OF ANALYSIS: 202310280077

Material Grade	Invar 36 Powder	Product No.	F0036-G-0053
Production Date	2023-10-23	Order No.	ITN-231009
Lot No.	20231023-01	Quantity	100 kg
Process	Gas Atomizing	Powder Size	0-53 μ m

Chemical Compositions / wt%

Element	Specification	Tested
Ni	35.0-37.0	36.74
Si	0.4 max.	0.0076
Mn	0.6 max.	0.0128
C	0.05 max.	0.0055
O	/	0.0259
P	0.015 max.	0.0041
S	0.015 max.	0.0011
Fe	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution (laser diffraction analysis)	D10/ μ m	D50/ μ m	D90/ μ m	Standards
	8.2	23.7	48.5	GB/T 19077
Apparent density (g/cm ³)	3.86			GB/T 1479.1
Tap density (g/cm ³)	5.49			GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2023-10-28