

CERTIFICATE OF ANALYSIS: 202404150042

Material Grade	Monel 400 Powder	Product No.	NAMM40-1545
Customer No.	ILB	Order No.	ILB-240405
Lot No.	20240410-02	Quantity	5 kg
Process	Gas Atomizing	Powder Size	15-45µm

Chemical Compositions / wt%

Element	Specification	Tested
Ni	Bal	Bal
Cu	28.0-34.0	29.30
Fe	2.5 max.	1.41
Si	0.5 max.	0.23
Mn	2.0 max.	0.92
C	0.3 max.	0.10
S	0.025 max.	0.001
O	0.05 max.	0.019
N	0.05 max.	0.005

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution (laser diffraction analysis)	D10/um	D50/um	D90/um	Standards
Flowability (s/50g)	19.3	31.2	46.7	GB/T 19077
Apparent density (g/cm ³)	16.5	4.63		GB/T 1479.1
Tap density (g/cm ³)	5.43			GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: A. Xiao

Date: 2024-04-15