

**CERTIFICATE OF ANALYSIS: 202407040012**

Material Grade	FeCoNiCrMn Powder	Product No.	H0002-2365
Customer No.	PLA	Order No.	PLA-240701
Lot No.	20240421-03	Quantity	3 kg
Process	Gas Atomizing	Powder Size	23-65 $\mu$ m

**Chemical Compositions / wt%**

Element	Tested
Fe	19.17
Ni	20.68
Cr	18.72
S	0.0092
C	0.042
Co	20.67
Mn	20.40
O	0.025
N	0.020

Standards: GB/T 14265, GB/T 23942

**Powder Property**

Particle Size Distribution (laser diffraction analysis)	D10/ $\mu$ m	D50/ $\mu$ m	D90/ $\mu$ m	Standards
Flowability (s/50g)	23.4	38.6	63.2	GB/T 19077
Apparent density (g/cm <sup>3</sup> )		16.6		GB/T 1482
Tap density (g/cm <sup>3</sup> )		4.42		GB/T 1479.1
		4.98		GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2024-07-04