

CERTIFICATE OF ANALYSIS: 202304210063

Material Grade	AlCoCrFeNi Powder	Product No.	H0003-2-1553
Customer No.	KRB	Order No.	KRB-20230320
Lot No.	20230419-03	Quantity	10 kg
Process	Gas Atomizing	Powder Size	15-53 μ m

Chemical Compositions / wt%

Element	Specification	Tested
Al	8.5-10.5	9.64
Co	22.5-24.5	23.64
Cr	20.5-22.5	21.51
Fe	Bal.	Bal.
Ni	22.5-24.5	23.67
O	/	0.0118
H	/	0.0006
N	/	0.0121

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
	17.3	31.0	50.4	GB/T 19077
Flowability (s/50g)		20.96		GB/T 1482
Apparent density (g/cm ³)		4.04		GB/T 1479.1
Tap density (g/cm ³)		4.55		GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2023-04-21