

CERTIFICATE OF ANALYSIS: 202312180105

Material Grade	AlSi12 Powder	Product No.	A0002-G-00150
Production Date	2023-12-14	Order No.	KRF-231105
Lot No.	20231214-01	Quantity	1000 kg
Process	Gas Atomizing	Powder Size	0-150µm

Chemical Compositions / wt%

Element	Specification	Tested
Al	Bal.	Bal
Si	11.0-13.0	12.31
Fe	0.8 max.	0.06
Cu	0.15 max.	0.043
Mn	0.55 max.	0.27
Mg	0.10 max.	0.016
C	0.04 max.	0.004
S	/	0.003
N	0.02 max.	0.001
O	/	0.078

Standards: GB/T 14265, GB/T 23942

Particle Size Distribution

Laser diffraction analysis	D10/um	D50/um	D90/um	Standards
	22.2	69.4	139.8	GB/T 19077

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: L. Zhang

Date: 2023-12-18