

CERTIFICATE OF ANALYSIS: 202407150006

Material Grade	AlSi10Mg Powder	Product No.	A0010-G-45105
Production Date	2024-07-10	Order No.	CAD-240704
Lot No.	20240710-01	Quantity	1000 kg
Process	Gas Atomizing	Powder Size	45-105µm

Chemical Compositions / wt%

Element	Specification	Tested
Al	Bal	Bal
Si	9.0-11.0	9.96
Mg	0.20-0.45	0.28
Fe	0.55 max.	0.078
Ti	0.15 max.	0.016
Zn	0.1 max.	0.01
Cu	0.05 max.	0.013
Mn	0.20 max.	0.011
Ni	0.05 max.	0.013
O	0.1 max.	0.036

Standards: GB/T 23942

Particle Size Distribution

Laser diffraction analysis	D10/um	D50/um	D90/um	Standards
	44.62	68.76	101.24	GB/T 19077

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: L. Zhang

Date: 2024-07-15