

**CERTIFICATE OF ANALYSIS: 202501170197**

Material Grade	2.25Cr1Mo Powder	Product No.	F0225-G-4590
Production Date	2024-12-20	Order No.	ZAA-241212
Lot No.	20241220-01	Quantity	200 kg
Process	Gas Atomizing	Powder Size	45-90µm

**Chemical Compositions / wt%**

Element	Specification	Tested
C	0.07-0.12	0.09
Si	0.4-0.7	0.59
Mn	0.4-0.7	0.48
Cr	2.3-2.7	2.42
Ni	0.02 max.	0.017
Cu	0.35 max.	0.127
Mo	0.9-1.2	1.01
O	0.2 max.	0.0195
Fe	Bal	Bal

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)		15.1		GB/T 1482
Apparent density (g/cm <sup>3</sup> )		4.15		GB/T 1479.1
Tap density (g/cm <sup>3</sup> )		5.27		GB/T 5162

Test condition: Temperature 25° C, Humidity 40%



Check: Y. Tang 唐 岩  
Approval: A. Xiao 肖 爽 怀  
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