

**CERTIFICATE OF ANALYSIS: 202410280131**

Material Grade	WC Powder	Product No.	MCW-A-45150
Production Date	2024-10-09	Order No.	KRJ-240926
Lot No.	20241009-02	Quantity	10 kg
Process	Agglomeration sintering	Powder Size	45-150µm

**Chemical Compositions / wt%**

Element	Specification	Tested
C	3.8-4.2	4.07
O	/	0.038
Cf	0.1 max.	0.041
Fe	0.8 max.	0.15
W	Bal	Bal

Standards: GB/T 14265, GB/T 23942

**Powder Properties**

Particle Size Distribution	D10/um	D50/um	D90/um	Standards
(Laser analysis)	77.6	106.8	135.3	GB/T 19077
Apparent density (g/cm <sup>3</sup> )	9.63			GB/T 1479.1
Flowability (s/50g)	7.06			GB/T 1482

Test condition: Temperature 25°C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: A. Xiao

Date: 2024-10-28