

Heeger Materials Inc

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PRODUCT TEST CERTIFICATE

Product Name	Spherical Tungsten(W) Powder	Size	15-45µm
Weight	10 kg	Date	Sep 14, 2023
Chemical Composition			
Element	wt (%)	Element	wt (%)
W	>99.95	Si	<0.001
Mo	<0.003	Ca	<0.001
Ni	<0.002	O	<0.0057
Fe	<0.002	C	<0.0047
Al	<0.002	N	<0.0005
Mg	<0.002	H	<0.0005
Particle Size Distribution			
D10 (µm)	D50 (µm)	D90 (µm)	
19.112	30.697	46.470	
Density		Hall Flow Rate	
Apparent Density (g/cm ³)	Tap Density (g/cm ³)	Value(s/50g)	
11.3	12.4	5.26	

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