



## CRYSTALLINE TUNGSTEN POWDER

### C Series C100-C130

### Technical Data Sheet



Crystalline Tungsten Powders are larger than the range of the Fisher Sub-Sieve Sizer, so they are classified by mesh size. They have high apparent densities and a more granular structure.

**APPLICATIONS:** Matrix Powders, Thermal Spray Powders

PHYSICAL PROPERTIES					NON-METALLIC IMPURITIES (WT%)	
Type	Mesh Size	Mesh Analysis	WT (%)	Apparent Density (g/in <sup>3</sup> )	Carbon	Oxygen (LOR)
C100	-325	+325	0-15	80-140	ALL TYPES ≤0.010	ALL TYPES ≤0.150
C100	-270	+270	0-15	80-140		
C110	-200/+325	+200	0-5	80-140		
		-325	0-20			
C115	-100/+325	+100	0-5	80-140		
		-325	0-15			
C120	-60/+325	+60	0-5	80-140		
		-325	0-15			
C130	-60/+200	+60	0-5	100-140		
		-200	0-15			

METALLIC IMPURITIES (WT%)										
Element	Al	Co	Cr	Cu	Fe	Mo	Na	Ni	Si	Sn
Typical	<0.001	<0.001	<0.008	<0.001	<0.010	<0.005	<0.002	<0.010	<0.001	<0.001
Max	0.003	0.005	0.030	0.005	0.030	0.020	0.010	0.030	0.002	0.002

Customizations are available, including

- Increased Apparent Density
- Narrower Particle Size Distribution
- Special Mesh Size Screenings
- Improved Flow Properties