



## COARSE TUNGSTEN POWDER

### C Series C40-C80

### Technical Data Sheet



Our Coarse Tungsten Powders are typically greater than 99.9% purity with average particle sizes from 10 to 50 microns. They have higher apparent density and better flow properties than Fine Tungsten Powder.

**APPLICATIONS:** Thermal Spray Powders, Mining Tools

PHYSICAL PROPERTIES				NON-METALLIC IMPURITIES (WT%)	
Type	Average Fisher Particle Size FSSS (µm)	Apparent Density (g/in <sup>3</sup> )	Standard Screening (mesh size)	Carbon	Oxygen (LOR)
<b>C40</b>	10.0–18.0	60–120	-100	≤0.008	≤0.07
<b>C60</b>	18.0–30.0	70-140	-60	≤0.008	≤0.07
<b>C80</b>	30.0–50.0	90-150	-60	≤0.008	≤0.07

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

Custom specifications are available, including

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