



## HIGH DENSITY TUNGSTEN POWDER

### S Series

### Technical Data Sheet



The High Density Tungsten Powders in our SR and ST lines have the highest apparent densities available. They have a minimum purity of 99.9%.

**APPLICATIONS:** Radiation Shielding, Densification

PHYSICAL PROPERTIES					NON-METALLIC IMPURITIES (WT%)	
Type	Average Fisher Particle Size FSSS (µm)	Apparent Density (g/in <sup>3</sup> )	Tap Density (g/cc)	Standard Screening (mesh size)	Carbon	Oxygen (LOR)
SR	7.0-19.0	130-165	10.0-12.5	-60	≤0.020	≤0.350
ST	19.0-50.0					

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

Customizations are available, including

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