



LOW GRADE TUNGSTEN POWDER

WS Series

Technical Data Sheet



The WS Series is a second grade tungsten powder specifically for non-sintering applications where the high density of tungsten is desired yet extreme purity is not required. WST powder has a larger particle size with higher tap and apparent densities.

APPLICATIONS: Radiation Shielding, Plastic Densification, Sporting Goods

PHYSICAL PROPERTIES					OTHER IMPURITIES (WT%)	
Type	Average Fisher Particle Size FSSS (μm)	Apparent Density (g/in^3)	Tap Density (g/cc)	Standard Screening (mesh size)	Other Impurities	Oxygen (LOR)
WS	2.0-9.0	40-90	<10.0	-100	≤ 5.0	≤ 0.50
WST	>9.0	>90	9.0-12.0	-60	≤ 5.0	≤ 0.50

Customizations are available, including

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