ATLANTIC EQUIPMENT ENGINEERS
HIGH PURITY METALS & COMPOUNDS

WP 100 – 101 – 102 – 103 – 104 – 105 – 106 – 107 – 108 – 109 – 110 – 111 - 112
Tungsten Metal Powder

WP 100 – 112 series powders	
Formula	W
Purity	99.95% min
Particle size	Sub- Micron – 50 mesh

Typical Chemistry							
Al	<0.001	Total C	0.005	Ca	<0.001	Co	<0.001
Cr	<0.001	Cu	<0.001	Fe	<0.001	K	<0.001
Mg	<0.001	Mn	<0.001	Mo	<0.001	Na	<0.001
Ni	<0.001	O	0.04	P	<0.001	Pb	<0.001
Sb	<0.001	Si	<0.001	Sn	<0.001	Ta	<0.001
Ti	<0.001	V	<0.001	Zn	<0.001	W	99.99

Particle Size in microns by AEE grade number												
100	**101**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**
<1 um	1 um	1-5 um	5-10	<44	149/44	<149	10-20	20-30	30-40	<297	40-50	297/74



AEE offers a wide range of standard tungsten powder from sub-micron to 50 mesh. We are also able to have the particle size tailored to your requirements if what you are looking for is not listed. Fine grades of tungsten powder (WP 100-103) are used mainly for electrical contacts, military ordnance, pyrotechnics, mining tools, and medical devices. The intermediate grades (WP 104-109) are used as thermal spray powders and in mining tools. The coarse grade powder (WP 110 – 112) are primarily used as matrix powder, thermal spray powders, and in rubber composites. We can adjust all grades to target specific particle sizes, increased density, and any additional

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requirements your application may have.

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Atlantic Equipment Engineers. For more information and assistance, please call (201) 384-5606.