

<b>Designation</b>	WH9570C	WH9075C	WH8035C	WH9375F	WH9560F	WH9766F
<b>Nominal density g/cm<sup>3</sup></b>	18	17.2	15.3	17.6	18.1	18.5
<b>AMS 7725</b>	Class 3	Class 1	N/A	Class 2	Class 3	Class 4
	Type 1	Type 1		Type 2	Type 2	Type 2
<b>Typical Applications</b>						
	Radiation Shielding	Anti-vibration Tooling	Balance Weights	Anti-vibration Tooling	Anti-vibration Tooling	Radiation Shielding
	Balance Weights	Radiation Shielding		Dynamic Balance Weights	Radiation Shielding	Balance Weights
		Balance Weights		Ballast	Balance Weights	Ballast
<b>Chemical Composition</b>						
W	95	90	80	93	95	97
Ni	3.5	7.5	7	5.25	3	2
Cu	1.5	2.5	13			
Fe				1.75	2	1
<b>Properties</b>						
Hardness	34	32	30	33	34	35
<b>Max Hrc</b>						

Tensile Strength N/ mm <sup>2</sup>	600	700	700	926	900	900
Elongation %	1	3	2	20	15	2
Modulus of Elasticity KN/mm <sup>2</sup>	350	350	250	350	350	350
<b>% Relative Reduction before Rupture</b>						
(Test D10 x 10)	30	50	20	>50	>50	>50
Electrical Resistiv- ity CM	11	13	15	16	13	11
<b>Thermal Conduc- tivity</b>						
Wm-1 K-1	135	94	80	100	105	108
Magnetic Properties	Non Ferro Magnetic	Non Ferro Magnetic	Non Ferro Magnetic	Weakly Ferro Magnetic	Weakly Ferro Magnetic	Weakly Ferro Magnetic