

WIRBALIT® Tungsten

CAS number	7440-33-7
Chemical symbol	W
ASTM standards	ASTM F288 for wires ASTM B760 for foils, plates and sheets

Tungsten is a shiny white, very pure brittle heavy metal with very high density.

As a very hard, corrosion-resistant metal, tungsten has the highest melting point of all metals and the second highest boiling point, as well as a very good shielding effect against radioactive radiation.

Its very low coefficient of thermal expansion and its high dimensional stability are unique.

		W
Hardness	HV	min. 360
Thermal conductivity at 20°C	W/cm K	1,5
Density	g/cm ³	19,2
Melting point	°C	3422
Boiling point	°C	5930

Available forms:

Drawing parts, rods, sheets, foils, wires, strips, pipes and plates

Application areas:

Medical technology, lighting industry, sports equipment, aircraft industry