

Specification of pure MOLYBDENUM WIRE for Plasma Spraying

Chemical composition:

Impurities	Maximum (ppm)	Typical assay *
Al	20	10-20
Ca	30	20
Cu	20	10-20
Fe	100	50-100
K	200	100-200
Ni	30	10-20
Si	50	30-50
W	700	530-620
others	10	-
Mo min.	99.88%	typ:99.90-99.92%

* Actual values may vary depending on source of raw material.

Diameter: 3.17 +0.01 -0.05 mm (1/8")

Coil diameter: 600 +- 40 mm

Coil weight: 18-24 kgs

Tensile strength: 750-1150 H/mm²

Elongation: min.5%

Surface: uniformly coated by a quadrag, crack and disintegration free. Longwise lines, venghness within diameter tolerance are acceptable.

Packing: wrapping paper and wooden boxes bounded on palettes.