

## CMW® ELKONITE 2110 sintered tungsten-silver wire

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy , Refractory Metal

### Material Notes:

ELKONITE® 2110 is a sintered tungsten-silver material that is made into wire. This wire can be cold headed into rivet contacts or discs, which can be brazed, to rivets or other backings. ELKONITE® 2110 provides resistance to sticking and has uniform surface wear. Elkonite® 2110 does not resist erosion nearly as greatly as other members of the tungsten-silver family. This material is used in automotive circuit protectors generally operating against a Molybdenum silver ELKONITE® mating contact. ELKONITE® 2110 is used in wall switches and thermostats such as blanket thermostats. Its uniform surface wear helps maintain a uniform calibration in thermostats. Information provided by CMW Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CMW-ELKONITE-2110-sintered-tungsten-silver-wire.php](http://www.lookpolymers.com/polymer_CMW-ELKONITE-2110-sintered-tungsten-silver-wire.php)

Physical Properties	Metric	English	Comments
Density	10.4 g/cc	0.376 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	41	41	

Component Elements Properties	Metric	English	Comments
Silver, Ag	90 %	90 %	
Tungsten, W	10 %	10 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000190 ohm-cm	0.00000190 ohm-cm	92 % IACS

## Contact Songhan Plastic Technology Co.,Ltd.

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