

Copper Tungsten Materials**RW Series****Technical Data**

Grade *	Nominal Composition	Density (gm/cm ³)	Electrical Conductivity (%IACS)	Hardness (HV)	Thermal Conductivity (W/mK)	Specific Resistance (μΩ cm)
IPM RW122 30W3	Cu22%/W78%	15.2	28	240	134	6.1
IPM RW124 20W3	Cu24%/W76%	14.9	29	210	139	5.9
IPM RW125 20W3M	Cu25%/W75%	14.8	29	210	139	5.9
IPM RW128 10W3	Cu28%/W72%	14.5	30	180	150	5.6
IPM RW130 5W3	Cu30%/W70%	14.0	31	170	154	5.5
IPM RW132 3W3	Cu32%/W68%	13.6	33	160	160	5.3
IPM RW140 1W3	Cu40%/W60%	12.8	41	140	188	4.3
IPM RW150 2050	Cu50%/W50%	12.0	44	135	197	4.1

* Other grades may be available - please ask.

All above properties are typical and will vary batch to batch

Application

Typical : Welding electrodes, Heavy Breakers (Normally immersed in oil), Spark Erosion Electrodes, Balance Weights

Forms of Supply:

Bars, Discs, Rods

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