

ELECTRONIC WIRE PRODUCTS

COPPER STRIPES FOR SOLAR PLATES

TEMPER	CONDUCTIVITY				ELECTRICAL RESISTIVITY
	ELECTRICAL			THERMAL	
	IACS % TYPICAL VALUES	IACS % min.	MS/meter min	W/(m°C) min	
ANNEALED	95	92-	53.4-	365	NanoΩ m -18.73
HARD	93	91-	52.8-	360	Max -18.94

TEMPER	DIMENSION GAUGE mm	YIELD R _{po.2} MPa	TENSILE R _m MPa	ELONGATION A ₅₀ %	HARDNESS HV
ANNEALED	0.040-	80-	220 - 275	15-	53 – 65
TEMPER ROLLED	0.035-*	110-	290-230	11-	75 – 63
		120-	300-240	9-	85 – 67
		190-	315-255	4-	110 – 80
		210-	330-260	3-	110 – 85
		240-	360-280	1-	120 – 95
		300-	410-330	0.3-	130 – 105
		330-	435 – 355	0.1-	140 – 115
		370-	475 – 415	0.1-	150 – 125
		500-	520 - 590	0.1-	140 - 160