

**ELECTRONIC WIRE PRODUCTS**

**COPPER STRIPES FOR CABLES**

ALLOY	ELECTRICAL CONDUCTIVITY		THERMAL CONDUCTIVITY	RESISTIVITY	MASSRESISTIVITY
	IACS % min	MS / meter min.	W / (m c) <sup>0</sup> min.	NanoΩ m Max.	ΩGram / m2 Max
SM 0013 AS HARD	98.3	57	390	17.54	0.1559
	94.8	55	370	18.18	0.1616

CONDITION	TEMPER	DIMENSION GAUGE Min.mm	*YIELD R <sub>po.2</sub> MPa	TENSILE R <sub>m</sub> MPa	ELONGATION A <sub>50</sub> %	HARDNESS HV
STANDARD	ANNEALED - 02	0.040-	(-120)	220-265	20-	65 - 50
	-02	0.070-	(-120)	220-265	25-	65 - 50
	-02	0.100-	(-120)	220-265	30-	65 - 50
	-02	0.200-	(-120)	220-265	32-	65 - 50
STANDARD	SEMI-HARD - 03	0.100 - 0.040	(110-)	230-290	(7-)	60 - 75
	-05	0.100 - 0.040	(230-)	270-330	(1-)	90 - 110
	-07	0.100 - 0.040	(300-)	330-390	(0.3-)	105 - 125
SPECIAL	ANNEALED - 60	0.040-	(120-)	220-260	25-	(65 - 50)
	-60	0.090-	(120-)	220-260	33-	(65 - 50)
	-60	0.200-	(120-)	220-260	38-	(65 - 50)
	SEMI HARD -62	0.100-	(180-)	240-300	(8-)	65 - 95
	SEMI HARD -63	0.100-	(250-)	290-360	(4-)	90 - 110
	HARD -64	0.100-	(320-)	360-	(2-)	110 -

