

## PRODUCT CATALOG – ELECTRIC REDRAW ROD

Redraw Rod In Aluminum And Alloys For Electrical Applications															
ALLOY	CHEMICAL COMPOSITION (max %)											MECHANICAL PROPERTIES			
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	B	V	Other Elements Each	Other Elements Total	Standard Temper	Standard diam.(mm)	UTS (N/mm <sup>2</sup> )
<b>1350</b>	0.08	0.20	0.010	0.015	0.020	0.01	0.03	0.01	0.0015	0.05	0.02	0.10	F	9.5-12.7	80-140
									0.006				0	9.5-12.7	60-80
<b>5005</b>	0.30	0.70	0.20	0.20	0.50 1.10	0.10	0.25				0.05	0.15	F	9.5	95-200
<b>6101A</b>	0.60	0.30	0.1	0.1	0.60	0.03	0.1	0.02	0.06	0.02	0.03	0.10	T4	9.5	210
	0.66				0.66										
<b>6101B</b>	0.55	0.30	0.1	0.1	0.55	0.03	0.1	0.02	0.06	0.02	0.03	0.10	T4	9.5	190
	0.61				0.61										
<b>6101C</b>	0.50	0.30	0.1	0.1	0.50	0.03	0.1	0.02	0.06	0.02	0.03	0.10	T4	9.5	170
	0.56				0.56										
<b>6201</b>	0.58	0.15	0.01	0.002	0.63	0.001	0.002	0.01			0.05	0.15	T4	9.5	200
	0.62	0.25	0.035	0.005	0.68	0.005	0.010	0.02							
<b>8017</b>	0.10	0.55	0.10		0.01		0.05				0.03	0.10	F	9.5	115-140
	0.10	0.80	0.20		0.05										

### NOTES:

#### CHEMICAL COMPOSITION

SURAL will guarantee closer specifications than those given in the table, at time of ordering.  
 Other chemical compositions for special applications can be made upon request

#### DIAMETER

SURAL offers the following possible diameters : 9.5 - 12.7 - 15.9 - 17.5 - 22.2 - 25.4 mm.

#### ROD DELIVERY TEMPERS

F As continuously cast and rolled.  
 O Annealed after rolling.  
 T4 In-line solution-treated, quenched and naturally aged.

SURAL welcomes inquiries about these and other specifications.

The data assembled in this table are intended as a guide, they are subject to change, as part of the progressive improvement of the quality and performance of SURAL s products. SURAL does not accept any legal responsibility with respect to the validity assembled in this table.