

PRODUCT CATALOG – ALLOY ROD FOR WELDING

Redraw Rod In Aluminum And Alloys For Welding Applications														
ALLOY	CHEMICAL COMPOSITION (max %)										MECHANICAL PROPERTIES			
	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	Other Elements Each Total	Standard Temper	Standard Dia. (mm)	UTS (N/mm ²)	E200 (%)
1050	0.17	0.27	0.02	0.03	0.03	0.03	0.05	0.02	0.0008	0.03	F	9.5	95-120	5-15
1050	0.15	0.27	0.02	0.03	0.03	0.03	0.05	0.12	0.0008	0.03	F	9.5	95-120	8-25
								0.16						
4043	4.5	0.40	0.05	0.05	0.05	0.05	0.10	0.05	0.0008	0.05	0.15	H	115-170	15-25
	6.0											(F)	155-180	(12-20)
5754	0.20	0.40	0.10	0.20	2.7	0.05	0.10	0.10	0.0008	0.05	0.15	H	215-240	20-30
				0.35	3.3	0.15		0.15				(F)	220-260	(12-20)
5183	0.20	0.40	0.10	0.60	4.5	0.05	0.10	0.10	0.0008	0.05	0.15	H	300-340	20-30
				0.90	5.1	0.15		0.15						
5356	0.20	0.40	0.10	0.10	4.5	0.10	0.10	0.10	0.0008	0.05	0.15	H	280-320	20-30
				0.20	5.1	0.20		0.15						

NOTES:

SPECIFICATIONS IN PARENTHESIS

Specifications so identified in the table can be supplied on request.

CHEMICAL COMPOSITION

SURAL can 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.
- H Homogenized by heat treatment.

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.