

Wire Rod

We supply both alloys 6061 and 1xxx in diameters 9,5mm and 12 mm aluminium wire rod for electrical applications to the cable producers.

alloy	chemical analysis (max)							
	Al content (min)	Fe %	Si %	Cu %	Zn %	Ti+V+Mn+Cr %	Other each %	Other total %
1080	99.8	0.12	0.10	0.01	0.04	0.01	0.02	0.20
1370	99.7	0.25	0.10	0.02	0.04	0.04	0.02	0.10
1350	99.5	0.40	0.10	0.05	0.05	0.04	0.03	0.10

alloy	Al content (min)	Fe %	Si %	Cu %	Zn %	Mg %	Mn %	Cr %	B %	Other each %	Other total %
6101	remain	0.50	0.7	0.10	0.10	0.80	0.03	0.03	0.06	0.03	0.10

alloy	diameter	coil weight	coil height	internal diameter	external diameter	tensile strenght	percentage of elongation	resistivity (max)	Conductivity %IACSmin
	mm	kg	mm	mm	mm	mpa	% min	ohm.mm ² /m	
1080 H11	9,5 - 12	from 1700 to 2000	850	550	1420	80-95	15	0.02772	62.2
1350/1370H11	9,5- 12	from 1700 to 2000	850	550	1420	80-95	15	0.02785	61,9
1350/1370H12	9,5- 12	from 1700 to 2000	850	550	1420	95-110	15	0.02794	61.7
1350/1370H13	9,5- 12	from 1700 to 2000	850	550	1420	105-120	15	0.02794	61.7
1350/1370H14	9,5- 12	from 1700 to 2000	850	500	1420	115-130	15	0.0280	61,6
6101 T4	9,5	2000 ± 200	850 to 950	500	1500	150min	10	0.03260	52,9