



**60317-0-6—  
2013**

**0-6**

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1 60317-0-6:2001

Specifications for particular types of winding wires — Part 0-6: General requirements - Glass-fibre  
wound resin or varnish impregnated, bare or enamelled round copper wire  
(IDT)



2014



60317-0-6:2001

- 1)
- 2)
- 3)

{ 60651);

( 60317);

( 60264).  
60317-0-6:2001

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0-6

Specifications particular types of winding wires.  
Part 0-6. General requirements. Glass-fibre wound resin or varnish  
impregnated, bare or enamelled round copper wire

— 2015—01—01

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- GL1.

- GL2,

• 1 GL1,

1 ( 1)

(GL1);

- 1 GL2,

1 ( 1)

(GL2);

- 2 GL1,

2 ( 2)

(GL1);

- 2 GL2,

2 ( 2)

(GL2).

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60851 ( )

{IEC 60851 (all parts). Winding

wires — Test methods]

60851 -5:1996

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(IEC 60851-5:1996, Winding wires — Test methods — Part 5: Electrical properties)

1:1997 60851-5:1996

No 2:2004 60851-5:1996

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3.1

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3.1.1

(coating):

3.1.2

(conductor):

	60317-0-6—2013			
3.1.3	(covering):	,		
3.1.4	(crack):	,		
3.1.5	(enamelled wire):			
3.1.6	(grade):			
3.1.7	(insulation):			-
3.1.8	(nominal conductor dimension):			
	60317.			
3.1.9	(winding wire):	,		-
3.1.10	(wire):			
3.1.11	(normal vision):	20/20,		-
3.2			60851.	
	60851.			
		60851		,
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			15° 35 °	-
	45 % 75 %.			-
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3.				R40
	1 2.			

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			1 GL1	2 GL1
0.500	±0.005	0.064	0.665	0.685
0.560	±0.006	0.102	0.776	0.795
0.630	±0.006	0.102	0.839	0.864
0.710	±0.007	0.102	0.922	0.949
0,600	±0,008	0,102	1,020	1.047
0,900	±0,009	0,102	1.125	1.155
1,000	±0,010	0,102	1,230	1.260
1,120	±0,011	0,102	1,352	1.385
1,250	±0,013	0.102	1.485	1.518
1,400	±0,014	0,102	1.640	1.676
1.600	±0.016	0,102	1.841	1.880
1.800	±0.018	0.102	—	2.085
2.000	±0.020	0.102	—	2.285
2.240	±0.022	0.102	—	2.535
2.500	±0.025	0.102	—	2.800
2.800	±0.028	0.114	—	3.130
3.150	±0.032	0.114	—	3.492
3.550	±0.036	0.114	—	3.896
4.000	±0.040	0.114	—	4.353
4.500	±0.045	0.114	—*	4.861
5.000	±0.050	0.114	—	5.370

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1GL1 -

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2GL1 -

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			GL2	1 GL2	2 GL2
0.500	±0.005	0.115	0.670	0.723	0.745
0.560	±0.006	0.150	0.802	0.853	0.877
0.630	±0.006	0.150	0.873	0.925	0.951
0.710	±0.007	0.150	0.958	1.010	1.037
0.800	±0.008	0.150	1.048	1.103	1.132
0.900	±0.009	0.150	1.149	1.208	1.240
1.000	±0.010	0.150	1.249	1.311	1.348
1.120	±0.011	0.150	1.370	1.434	1.467
1.250	±0.013	0.150	1.511	1.576	1.610
1.400	±0.014	0.150	1.662	1.730	1.764
1.600	±0.016	0.150	1,867	1.937	1,973
1.600	±0.018	0.150	2.068	—	2,177
2.000	±0.020	0.150	2.269	—	2,381
2.240	±0.022	0.150	2.516	—	2,632
2.500	±0.025	0.150	2.782	—	2.900
2.800	±0.028	0.180	3.123	—	3,246
3.150	±0.032	0.180	3.481	—	3,606
3.550	±0.036	0.180	3.883	—	4,012
4.000	±0.040	0.180	4.335	—	4,483
4.500	±0.045	0.180	4.843	—	4.980
5.000	±0.050	0.180	5.345	—	5.486

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1GL2 -

2GL2 -

GL2 -

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1 2.

4.4

1 2.

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0.630	—
. 0.630 1.250	15
« 1,250 - 2.800 «	20
- 2.800 - 5.000 «	30

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1,600

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1,600

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60851 -5 ( 4.6).

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		GL1.	GL2.
0.500	25	—	200
. 0.500 2.500	25	—	260
- 2.500 - 5,000 -	50	—	300

13.2

60651-5 ( 4.6).

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		1 GL1.	Тwi 1 GL2.	2 GL1.	2 GL2.
. 0.50 1.00	25	750	1 000	1 000	1 200
« 1,12 « 2.50 «	25	1 000	1 200	1 260	1 500
« 2.50	50	1 200	1 500	1 600	1 600

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- a)
- b)
- c)
- d)
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(R40)

			1 GL1	2GL1
0.530	0.006	0.102	0.746	0.765
0.600	*0.006	0.102	0.809	0.834
0.670	±0.007	0.102	0.882	0.909
0.750	±0.008	0.102	0.970	0.997
0.850	±0.009	0.102	1.075	1.105
0.950	±0.010	0.102	1.170	1.210
1.060	±0.011	0.102	1.290	1.325
1,180	±0.012	0.102	1.412	1.448
1.320	±0.013	0.102	1.560	1.596
1.500	±0.015	0.102	1.741	1.780
1.700	±0.017	0.102	—	1,985
1.900	±0.019	0.102	—	2.185
2.120	±0.021	0.102	—	2,415
2,360	±0,024	0,102	—	2.660
2.650	±0.027	0.114	—	2,990
3,000	±0.030	0.114	—	3,342
3,350	±0.034	0.114	—	3.696
3,750	±0,038	0.114	—	4.103
4.250	±0.043	0.114	—	4.611
4.750	±0.048	0.114	—	5.120

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		UA <sub>в.к.</sub> миним			
			GL2	1 GL2	GL2 <sup>2</sup>
0.530	*0.006	0.150	0.772	0.823	0.847
0.600	*0.006	0.150	0.843	0.895	0.921
0,670	±0,007	0.150	0.918	0,970	0.997
0.750	*0.008	0.150	0.998	1.053	1.082
0.850	*0.009	0.150	1.099	1.158	1.190
0.950	0.010	0.150	1.199	1.261	1.298
1.060	±0.011	0.150	1.310	1.374	1,407
1.180	±0.012	0.150	1.441	1.506	1.540
1.320	0.013	0.150	1.582	1.650	1.684
1.500	±0.015	0.150	1.767	1.837	1.873
1.700	±0.017	0.150	1.968	—	2.077
1.900	0.019	0.150	2.169	—	2.281
2.120	0.021	0.150	2.396	—	2.512
2.360	±0.024	0.150	2.642	—	2.760
2.650	*0.027	0.180	2.973	—	3.096
3.000	*0.030	0.180	3.331	—	3,456
3.350	±0.034	0.180	3.665	—	3.800
3.750	±0.038	0.180	4.085	—	4.233
4.250	±0.043	0.180	4.593	—	4.730
4,750	±0,048	0.180	5.095	—	5.236

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8.1 -

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0.500	0.087 06
0.560	0.069 40
0.630	0.054 84
0.710	0.043 18
0.800	0,034 01
0.900	0.026 87
1.000	0,021 76
1.120	0.017 35
1.250	0.013 93
1.400	0.011 10
1.600	0,008 502
1.800	0,006 718
2.000	0.005441
2.240	0.004 338
2.500	0.003 482
2.800	0,002 776
3.150	0,002 193
3.550	0.001 727
4.000	0.001 360
4,500	0,001 075
5.000	0,000 8706

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60651 ( )		<p>IEC 60851-1-2011 -</p> <p>1. IEC 60851-2-2011 «</p> <p>2. IEC 60851-3-2011 «</p> <p>3. IEC 60851-4-2011 «</p> <p>4. IEC 60851-5-2011 «</p> <p>5. IEC 60851-6-2011 «</p> <p>6.</p>
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[1]	60317-0-1:1997	1)	.		
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[2]	60317-48:1999		.		
48.				-	,
				155	
[3]	60317-49:1999		.		
49.				-	,
				180	
[4]	60317-50:1999	4)	.		
50.				-	,
				200	

11	60317-0-1:2008.
*1	60317-482012.
51	60317-495012.
*1	60317-505012.



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