



Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road Hangzhou, China

www.eescable.com

TEST REPORT

Products	Copper-THHN-THWN-2		1/0AWG	
Standard	UL83/UL1581			2022/08/25
NO.	Item	Standards and Requirements	Test Results	Evaluation
1	Conductor			
1-1	Material	Annealed soft copper	Annealed soft copper	Qualified
1-2	Class	B	B	Qualified
1-3	Shape of conductor	Stranded circular compressed round	Stranded circular compressed round	Qualified
1-4	Nominal cross section area	1/0AWG	1/0AWG	Qualified
1-5	Diameter of conductor	9.19mm	9.19mm	Qualified
1-6	Number of wire	19	19	Qualified
1-7	Maximum DC resistance at 20°C	0.349ohm/km	0.341ohm/km	Qualified
2	Insulation			
2-1	Material	PVC	PVC	Qualified
2-2	Nominal thickness	1.27mm	1.32mm	Qualified
2-3	Minimum thickness	1.14mm	1.18mm	Qualified
2-4	Approximate dia	11.73mm	11.75mm	Qualified
2-5	Max.rated temperature for permanent load	90°C	90°C	Qualified
3	Sheath			
3-1	Material	Nylon	Nylon	Qualified
3-2	Minimum thickness	0.18mm	0.2mm	Qualified
3-3	Approximate overall diameter of cable	12.2mm	12.2mm	Qualified
3-4	Approximate total weight of cable	550kg/km	550kg/km	Qualified
3-5	Maximum DC resistance at 20°C	0.349ohm/km	0.341ohm/km	Qualified

Checked by:

Caohongjiao

Re checked by : Chengzhanli

杭州益睿电线电缆有限公司
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.

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