



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	ALM DE COBRE 600V		12AWG	
Standard	UL83/ASTMB3			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	Solid	solid	Qualified
1-3	Shape of conductor	Stranded circular compressed round	Stranded circular compressed round	Qualified
1-4	Nominal cross section area	12AWG	12AWG	Qualified
1-6	Number of wire	1	1	Qualified
1-7	Diameter of wire	2.05±0.02mm	2.06mm	Qualified
1-8	Maximum DC resistance at 20°C	5.31ohm/km	5.22ohm/km	Qualified
2	Insulation			
2-1	Material	PVC	PVC	Qualified
2-2	Nominal thickness	0.8mm	0.8mm	Qualified
2-3	Minimum thickness	0.62mm	0.78mm	Qualified
2-4	Approximate dia	3.65mm	3.65mm	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	0.1mm	0.12mm	Qualified
3-3	Approximate overall diameter of cable	3.85mm	3.86mm	Qualified
3-4	Approximate total weight of cable	36kg/km	36.5kg/km	Qualified
3-5	Maximum DC resistance at 20°C	5.31ohm/km	5.22ohm/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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