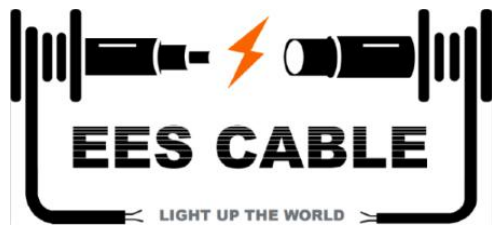


TEST REPORT

Products	XLPE	Color	Black		
Standard	GB/T10260-2001	Invoice No.	2023020601	Date	2023.02.06
NO.	Item	Standards and Requirements	Test Results	Evaluation	
1	Tensile Strength (MPA)	≥13	17.2	Qualified	
2	Elongation (%)	≥300	460	Qualified	
3	Brittle Temperature(-76℃)---- Broken times/Invalid times	≤15/30	2/30	Qualified	
Aging Test In Oven(135℃*168h)					
4-1	Max. Tensile Strength Changing rate(%)	+/- 20	-5	Qualified	
4-2	Max. Elongation Changing rate(%)	+/- 20	-3	Qualified	
Thermal Extension Test: 200℃、0.2MPA、15min					
5-1	Elongation Under Stress (%)	≤100	40	Qualified	
5-2	Permanent Elongation After Cooling (%)	≤5	1	Qualified	
6	Gel Content (%)	≥60	65	Qualified	
7	Dielectric Loss Coefficient	≤1*10 ⁻³	1.27*10 ⁻⁴	Qualified	
8	Relative Permittivity	≤2.35	2.1	Qualified	
9	Carbon Black (%)	>2.5	2.65	Qualified	
10	Volume Resistivity Ω.M	≤5*10 ¹³	1.5*10 ¹⁴	Qualified	
11	Dielectric Strength MV/m	≥25	27	Qualified	
Weather Resistance Test					
12-1	(after 42 days of aging) Tensile Strength Changing rate(%)	+/- 30	-2	Qualified	

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12-2	(after 42 days of aging) Elongation Changing rate(%)	+/- 30	-2	Qualified
12-3	(after 21 days of aging) Tensile Strength Changing rate(%)	+/- 15	2	Qualified
12-3	(after 21days of aging) Elongation Changing rate(%)	+/- 15	3	Qualified
	Final Result	Passed		

杭州益睿电线电缆有限公司
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