



Test Report

Type	H1Z2Z2-K 2*10mm ² PV Cable	Volatage	1500V	Sample Quantity	100 0Meters
Test ROLL	10Rolls*1000m	test Standard	EN50618: 2014		
Test Item	Standard	Test Results		Verdict	
Cores Sqaure Meter	2*10	2*10		P	
Insulation Core Colour	Red、 Black	Red、 Black		P	
导 Wire Diameter	Φ0.28mm±0.008	0.282/0.280/0.281		P	
Wire Number	142 cores	142		P	
Wire Diameter	3.85±0.1	3.88/3.85/3.86		P	
Insulation Diameter	5.5±0.1	5.48/5.52/5.51		P	
Cable Diameter	7.3±0.1*15.40±0.6	7.35*15.4、 7.3*15.2		P	
Conductor Resistance at 20℃	≤1.95 Ω.km	1.92/1.918/1.93		P	
DC Voltage Test	6500V/5minNo Breakdown	6500V/5minNo Breakdown		P	
Insulation Resistance Test	≥420M Ω .KM	1550MΩ.KM		P	
Cold Bending Test	—40℃ 16h 16H Absense of cracks	—40℃ 16h 16H Absense of cracks		P	
Cold Impact Test	—40℃ 16h 16H Absense of cracks	—40℃ 16h 16H Absense of cracks		P	
Cold Elongation Test	—40℃ 16h 16H: ≥30%	34%		P	
(60±2) °C 4h Vertical Fire Test	≥50mm	300		P	
	≤540	380		P	
Conclusion: Approved					

P means the item test is pass. F means the item test is not pass. N means the item doesn't need test

Tested By /Date : ZML 2023 07 26

Checked By /Date : WKB 2023 07 26

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