



Test Report

Products	WASP AAC/PVC		Size	100mm <sup>2</sup>	
Standard	BS 6485 BS215-1	Invoice No.	20221123002	Date	2022.11.23
NO.	Item	Standards and Requirements	Test Results	Evaluation	
	<b>Structure</b>				
1	<b>Phase Core</b>				
1-1	Number of core	1	1	Qualified	
1-2	Conductor Structure	7/4.39	7/4.39	Qualified	
1-3	Conductor Material	AL	AL	Qualified	
1-4	Outer Stranding Direction Of Lay	Rightward	Rightward	Qualified	
1-5	Lay Ratio	12-14	13.5	Qualified	
1-6	Conductor Dia.	13.17	13.20	Qualified	
2	<b>Insulation</b>				
2-1	Insulation Material	UV-PVC	UV-PVC	Qualified	
2-2	Color	Black	Black	Qualified	
2-3	Normal Thickness Of Insulation	1.1	1.2	Qualified	
2-4	Min. Thickness Of Insulation	≥0.89	0.94	Qualified	
2-5	Surface Of Insulation	Smooth, Clean	Smooth, Clean	Qualified	
2-6	Printing Of Insulation	Printing should contains manufacturer, product and size, voltage etc. Printing should be clear, easily recognized, fastness		Passed	Qualified
3	<b>Electrical Performance</b>				
3-1	20℃ Max D.C Resistance Of Phase Conductor	≤ 0.2702 Ω /KM		0.2645	Qualified
3-2	Approximate Tensile Strength	16KN		17.1	Qualified
3-3	Spark test 6KV	No Breakdown		No Breakdown	Qualified

Tested by: Jingyan Zhao

Checked by: Guohui Xu