

QUALITY TEST CERTIFICATE N. 26_92102864_10

Customer:	AMONRA ENERGY JSC		
Customer Order:		Delivery Note:	92102864
Top Cable Order:	186160	Delivery Note Date:	02/02/2022
Cable Type:	5601004.NR500	H1Z2Z2-K 1x4 1500V NEGRO Cca R500	
Standard:	EN 50618		
	0//0	Total Meters:	18.000

ROUTINE TEST

TEST	Test Method	Units	Nominal Values
Electrical resistance of the conductor	IEC 60228	Ω / km	5,09
High Voltage test	IEC 60502-1	V x min	6.500 x 5

SAMPLE TEST

TEST	Test Method	Units	Nominal Values
Conductor construction	Visual	-	Ok
Insulation:			
Minimum thickness	IEC 60811 - 201	mm	$\geq 0,53$
Average thickness	IEC 60811 - 201	mm	$\geq 0,7$
Outer Stealth:			
Minimum thickness	IEC 60811-202	mm	$\geq 0,58$
Average thickness	IEC 60811-202	mm	$\geq 0,8$
Outer sheath color	Visual		BLACK
Marking			TOP CABLE F TOPSOLAR PV H1Z2Z2-K 1,5/1,5 kVdc nXs mm2 EN 50618 TÜV R-60113828 CMim // 62930 IEC 131 HALOGEN FREE LOW SMOKE // PV1000-F UTE C 32-502 // DOP TC054 Cca-s1b,d2,a1 MADE IN SPAIN XXXXX aaaa metro

Drums delivered of this production:

<u>Drum Id</u>	<u>Meters</u>	<u>Drum Id</u>	<u>Meters</u>
RCP500	18000		

Top Cable, S.A. Certifies

That the products supplied by the slip above have been checked And verified according To the quality control plan In place, And manufactured according to the corresponding thechnical specifications of the product

Rubí, 05/05/2022 13:03:56

Quality Department

This document established by computer attest the product quality delivered on base of an automatic data process.

Consequently, the signature Is Not required