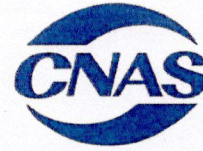




缆慧检测



中国认可
国际互认
检测
TESTING
CNAS L9930

Report No.: TN20-4376E

Sample No.: CN20-4648

Page 1 of 4

Contract No.: ISTCW20-1647

Test Report

Consigner	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD WOER INDUSTRIAL PARK, NORTH LANJING RD, PINGSHAN,SHENZHEN,PR CHINA
Sample Name	Overhead Line Cover
Type and Size	Φ31
Kind of test	Commission Test
Sample Received Date	October 19, 2020
Test Duration	October 19, 2020 – November 10,2020
Test Conclusion	The items tested comply with requirements provided by the consigner.

Authorized by
Shanghai Intelligent Service and Technology Co., Ltd.

李骥 Li Ji

Issue date

2020-11-10

Testing Engineer: 陶君 Tao Jun

Genuine statement: This test report is only valid for the tested sample. Disclaimer: For the information provided by the consigner, ISTCW asserts that we can not be held responsible for its authenticity and consequences. This test report is only valid in paper version with authorized signature, issue date and dedicated inspection stamp of our company. Without the written permission of ISTCW, the test report shall be reproduced in full. Its electronic version (such as PDF format or scanned version) is allowed to use, whatever with "only for information". If the consigner has any objection to the test report, the consigner shall submit it to ISTCW in writing within 15 days after receiving the report.

Floor 1, Building 2, No. 258 Jinzang Road, Pudong New District, Shanghai, P.R.China
Telephone: +86-4008526288

Zip code: 201206

Fax: +86-21-50680618

Website: www.istcw.com

E-mail address: service@istcw.com

Φ31

1 Sample Description

Manufacturer SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD
WOER INDUSTRIAL PARK, NORTH LANJING RD, PINGSHAN, SHENZHEN, PR
CHINA

Type and Size Φ31

Quantity 10 m

Marking /

Color Red

Source Sent by the consigner

Status Normal appearance

2 Testing and Verdict Standards

2.1 Testing Standards

- 1) GB/T 1408.1—2016 Electrical strength of insulating materials-Test methods-Part 1:Tests at power frequencies
- 2) GB/T 1410—2006 Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials
- 3) GB/T 3048.8—2007 Test methods for electrical propertis of electric cable and wires- part 8 :AC votage test

2.2 Verdict Standards

The consigner provide technical requirement

3 Other Information

3.1 Description of the Sample

- 1) The sample's name and type and size are provided by the consigner;
- 2) This report is the English version of TN20-4376. If there is any inconsistency or conflict between the English and Chinese versions, the Chinese version shall prevail for all purposes.

3.2 Test location

The following test items were conducted at No.458 Haixiang Road, Fengxian District, Shanghai:
- Voltage test

3.3 Symbol Definition

Requirement: / not required by standard;

Verdict: P = complying with requirement / Pass

F = not complying with requirement / Fail

N = not required



$\phi 31$

4 Test

4.1 Volume resistivity

The test method: GB/T 1410—2006.

Test parameters:

Pretreatment temperature 20 °C

temperature

Pretreatment time 24 h

The test voltage 1000 V

Item	Unit	Requirement	Test Result	Verdict
Volume resistivity at 20°C	$\Omega \cdot \text{cm}$	$\geq 10^{14}$	6×10^{14}	P

4.2 Dielectric strength

The test methods: :GB/T 1408.1—2016.

Test parameters:

Environment temperature 23 °C

The rate of rise 2000 V/s

Item	Unit	Requirement	Test Result	Verdict
Dielectric strength	kV/mm	≥ 25	26	P

技术部
章

$\phi 31$

4.3 Voltage test

The test methods Refer to GB/T 3048.8—2007.

Test parameters:

Ambient temperature 30 °C

Test connection		Voltage applied, 50Hz		Duration (min)
Voltage applied to	Earth connected to	... $\times U_0$	(kV)	1
Conductor of Overhead Line Cover	Copper foil	/	42	

Test Item	Requirement	Test Result	Verdict
Voltage test	No breakdown of the insulation shall occur	No breakdown of the insulation	P

- End of report -