

File number: GDEI-2013128

Test Report

Name of products: Anti-rodent Cable

Type of products: 4*120/ARAT/OCI/04

Consignor: Oman Cables Industry (SAOG)

Test category: Entrust inspection

Test Method: JB/T10696.10-2011

Guangdong Entomological Institute



Test report by
Guangdong Entomological Institute




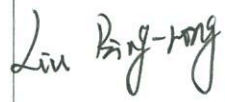
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|----------------------------------|---|---------------------------|--|------------|---|
| Name of products | Anti-rodent Cable | File number | GDEI-2013128 | | |
| Type of products | 4*120/ARAT/OCI/04 | Raw materials of products | -- | | |
| Test category | Entrust inspection | State of products | Black, Φ=50mm | | |
| Consignor | Oman Cables Industry (SAOG) | Address | NO 8 PENJURU PLACE, BLK 8 # 01-39 PENJURU TECH HUB .SINGAPORE 608780 | | |
| Production unit of raw materials | ST2- ART | Date of report | Oct. 9 th , 2013 | | |
| Sampling method | Submitted sample | Zip code | 608780 | Tel | (65)62640288 |
| Test methods | The test was based on the JB/T 10696.10--2011, Test method for determining mechanical, physical and chemical properties of electric cables and wires—Part 10: Rat gnawing test. | | | | |
| Date of test | Sep.9 th , 2013 to Sep. 23 th , 2013 | | | | |
| Test results | <p>Small teeth trace gnawed by rat on the surface of the samples. The protective rate ≥ 0.9. The test samples have significant effect on anti-rodent.</p> <p>For the diameter of the test samples ($\Phi=50\text{mm}$) are bigger than the requirements of the standard, the test results are just as a reference.</p> | | | | |
| Note | <p>1). The entrust inspection is responsibility for the received sample only.</p> <p>2). To assure the accuracy of the test, the test samples should be less than 30mm in diameter.</p> <p>3). Examine and visually rate using the following rating system (See Table 1)</p> | | | | |
| Approve | Zhong Jun-hong Professor Signature:   | Audit | Li Qiu-jian Vice-Professor Signature:  | Main check | Liu Bing-rong Engineer Signature:  |

Table 1 The classify standards of rat gnawing status to cable

| Protective Class | protective rate | Description of wires and cables gnawing status. |
|------------------|---|---|
| Significant | ≥ 0.9 | No teeth trace gnawed by rats on the surface or slight teeth trace. |
| Better | ≥ 0.7 | Heavy teeth trace (the gnawed depth is less than half of the sheath thickness, the coat layer is not perforation) |
| General | ≥ 0.5 | Heavy teeth trace (the gnawed depth is bigger than half of the sheath thickness, the coat layer is not perforation) |
| Failure | -- | Perforations in the surface coat layer of wires of cables. |
| | < 0.5 | -- |
| | Else: The rats were poisoning died of repellent rodenticides. | |

Illustrations:

1. The entrust inspection is responsibility for the received sample only.
2. The altered report is invalid.
3. The part report copy is invalid.
4. The report is invalid when there is no auditor and cetifyer's signature.
5. The report is invalid when there is no inspection organization stamp.
6. Telling the inspection organization in 3 months since you receive the report when you don't agree, otherwise it is not accepted.



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