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ICS 81.060.20
CCS Y24

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# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# SN/T 3535-2013

## Test method of mechanical dishwashing resistance for domestic ceramic articles

日用陶瓷耐洗碗机洗涤性能测试方法

**(English Translation)**

**Issued on: March 1, 2013** **Implemented on: September 16, 2013**

**Issued by: General Administration of Customs**

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## Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The process of drafting the standard reference EN12875-1:2005 "anti utensils washing machine performance test methods - Part 1. Household devices Dish arbitration test methods. " Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume responsibility to identify these authoritarian.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

## 1 Scope

This standard specifies the test method for resistance dishwasher detergent performance ceramics for daily use.

This standard applies to dishwasher detergent resistant ceramic products for daily use performance tests.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Test method IEC 60436 Performance of household electric dishwashers



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## 3 Terms and Definitions

The following terms and definitions apply to this document.

Test cycle Test samples were subjected to pre-wash the dishwasher, washing detergent, intermediate rinse, rinsing agent rinsing and drying and a series of processes.

Washing resistance dishwashingresistance Article subjected to certain test cycles without significant change in capacity.

Principle 4

The test sample is placed in the dishwasher test, a predetermined number of times after the cycle test, the differences observed are not the test sample and the sample, whereby the sentence Resistance to washing of the sample set.

## 5 Reagents and materials

**5.1**
Test recycling water. drinking water, hardness. 0.3mmol/L ~ 0.6mmol/L, temperature. 15 °C ± 5 °C.

**5.2**
detergent and rinse agent. cleaning agents should be used to meet and rinse agent Appendix A requirements.

**5.3**
Citric acid. AR.

## 6 Instruments and equipment

Test the dishwasher should have the following technical conditions.

a) Temperature. 0 °C ~ 70 °C control, accuracy ± 1 °C;

b) Pressure Range. 5N/cm2 ~ 100N/cm2;

c) Water Volume. the ability to control the 6.0L ± 0.5L;



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