

ICS 59.080.01
CCS W55

SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 2558.6-2013

**Testing method for import and export functional textiles. Part 6:
Water-vapour transmission properties
(English Translation)**

Issued on: August 30, 2013

Implemented on: March 1, 2014

Issued by: General Administration of Customs

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

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

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

1 Scope

This section SN/T 2558 provisions of the import and export of textiles water vapor permeability test methods.

This section applies to a thickness of less than 10mm tested in all types of water vapor permeability of textiles.

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.

GB/T 6529 Textiles Standard conditioning and testing atmosphere GB/T 12704.1 Textiles moisture permeability test methods - Part 1. moisture Act GB/T 12704.2 Textiles moisture permeability test methods - Part 2. evaporation JISL1099 textile water vapor permeability test methods ASTM E96 material water vapor permeability test methods EN ISO 15496 Textile quality control of water vapor permeability of textiles measurement

3 Terms and definitions

The following terms and definitions apply to this document.

Moisture permeability Water-vapour transmission rate Under both sides to maintain the sample temperature and humidity conditions specified, within the time prescribed by vertical vapor mass per unit area of the sample, in grams per square Hour meter [g/(m³. h)] 24 hours or grams per square meter [g/(m². 24h)] as a unit.

Moisture permeability Water-vapourpermeance Under both sides to maintain the sample temperature and humidity conditions prescribed under the unit vapor pressure, water within a predetermined time through unit area perpendicular to the sample Vapor mass in grams Pascal hour $[g/(m^2 \cdot Pa \cdot h)]$ per square meter as a unit.

Principle 4

Absorption method is filled with desiccant and sealed with breathable fabric sample cup is placed in a certain temperature and humidity, according to a certain period through Wet-cup quality value added, the sample is calculated moisture permeability or moisture permeability.

Evaporation method is filled with distilled water and sealed with breathable fabric sample cup is placed in a certain temperature and humidity, according to a certain period through Reduce the value of the wet-cup quality of the sample is calculated moisture permeability or moisture permeability.

Sample preparation and the humidity of 5

5.1 Samples should be away from the selvage 1/10 width, 2m from the outer end of the match and cut, the sample should be representative of at least one textile products unit.