

ICS 59.080.01
CCS W 20

FZ

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

FZ/T 20012-2015

Replacing FZ/T 20012-1995

Test method for scourability of spinning lubricant

纺纱油剂可洗涤性试验方法 清晰版

(English Translation)

Issued on: July 14, 2015

Implemented on: January 1, 2016

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 5 Reagents
 - 5.1 Ether
 - 5.2 Detergent

Foreword

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

This standard is the FZ/T 20012-1995 "spinning oil washing test methods" amendments and FZ/T 20012-1995 phase Ratio, the main changes are as follows.

- Cover increased standard English name;
- Increasing the normative references;
- Revised principles;
- Reagent as a separate chapter, and increase the security warning content;
- Instruments, appliances chapter main changes.
 - Analysis of balance "sense of volume requirement" to "accurate to 0.0001g";
 - Added a balance;
 - an increase of tweezers.
- Original content on all standard 7.4 Sample preparation and a chapter made editorial changes;
- A chapter test procedure modifications.
 - Test procedure made editorial changes;
 - Cancel weighing constant weight requirements;
 - Drying time to 4h;
 - Distilled water to three;
 - Use the "flowing tap water 10min" to "clean with tap water."

--- Calculate a chapter main changes.

- symbolic weight to the quality symbol;
- original standard computing into a chapter 7.1.9, and amend the processing requirements on the calculation results of the difference;
- calculate the original sample containing fat rate to calculate the sample before washing, washed greasy rate.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile Wool Textile Technical Committee (SAC/TC209/SC3) centralized.

This standard was drafted. Beijing Woolen Textile Institute of Science and Inspection Center, the National fiber textile and apparel product quality supervision and inspection center.

1 Scope

This standard specifies the spinning oil washing of test methods.

This standard applies to wool knitted products of oil can be washed, but also to compare the relative wool spinning oil washability.

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 3921-2008 Textiles Tests for color fastness Colour fastness to soaping Laboratory use specifications and test methods GB/T 6682 Analysis GB/T 8170 Revised figures indicate about the rules and limit values and judgment

3 Terms and Definitions

The following terms and definitions apply to this document.

Washability scourability Oil sample after washing, the oil level can be removed. With a sample before washing and after washing greasy residue containing rate difference between the rate of fat-containing wash before accounting Percentage fat rate of representation.

Principle 4

The oil samples were placed before and after washing with ether soxhlet extraction, the

extraction agent is subsequently evaporated to give a residual oil Fat mass, which were calculated on the dry mass of the sample of oil samples before and after washing the dry weight percentage of that greasy rate. Then, wash Greasy rate calculation of the sample can be washed before and after wash.

5 Reagents

Safety Warning. Use the solvent specified in this standard, carefully read the Material Safety Data Sheet (MSDS), namely chemical safety technical notes Book or chemical safety data sheets.

5.1 Ether

Analytically pure or chemically pure.

5.2 Detergent

Amides sulfonated anionic surfactants (Detergent 209), the active ingredient. NN- methyl oleoyl taurate not less than 19%, the soap Compound of not more than 2%.