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Testing methods
for polytetrafluoroethylene
aqueous dispersion

ICS 83.080.20

Descriptors : polytetrafluoroethylene, thermoplastic polymers, aqueous dispersions,
density measurement, viscosity measurement, ph measurement, water
content determination

Reference number : JIS K 6893 : 1995 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Testing Methods for Polytetrafluoroethylene Aqueous Dispersion

1. Scope

This Japanese Industrial Standard specifies the testing methods for polytetrafluoroethylene aqueous dispersion.

NOTE (1) Informative references are as follows:

JIS B 7525-Specific Gravity Hydrometers

JIS R 1302-Porcelain Basins for Chemical Analysis

JIS Z 8401-Rules for Rounding off of Numerical Values

JIS Z 8703-Standard Atmospheric Conditions for Testing

JIS Z 8802-Methods for Determination of pH of Aqueous Solutions

JIS Z 8804-Methods of Measuring Specific Gravity of Liquid

JIS Z 8805-Glass Electrodes for Measurement of pH

JIS Z 8809-Standard Liquids for Calibrating Viscosimeters

(2) The units and numerical values given in { } in this standard are in accordance with the conventional system of units and are appended for informative reference only.

2. Sampling Method

After sufficiently making the contents uniform state by several times repeating the operation of shaking the vessel with upsetting, the sample shall be taken.

3. General Matters for Test

3.1 State of Test Room Excepting when especially specified, the temperature and humidity in the test room shall be the standard temperature of Grade 4 ($20 \pm 15^{\circ}\text{C}$) and the standard humidity of Grade 3 ($65 \pm 20\%$), both of which are specified in JIS Z 8703.

3.2 Standard State of Sample The sample shall be kept at the measuring temperature for 1 h and over before the test.