

Application Memo

Potassium Hydroxide in Film Cleaning Liquid

Industry	Plastic, Rubber
Instrument	Automatic potentiometric titrator
Measurement method	Acid-base titration
Standards	

1. Overview

Potassium hydroxide in the film cleaning liquid is measured by titration with 1mol/L hydrochloric acid after the sample is added with water. The endpoint is the maximum inflexion on the titration curve. The concentration of Potassium hydroxide is calculated from the titration volume of hydrochloric acid.

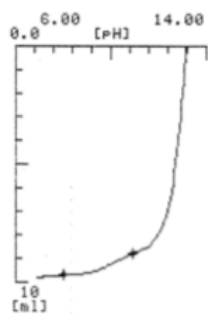
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier STD)
Electrode	pH glass electrode Ceramic reference electrode Temperature compensation electrode

3. Reagents

Titrant	1mol/L hydrochloric acid
Solvent	Pure water

4. Example



—Titration curve—

—Measurement results—

	Sample (g)	Titer (mL)	KOH (mol/L)
1	5.0	9.7272	1.951

Please feel free to contact us for any further information.
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