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

GB/T 34716-2017

Determination of the solubility of pressure-sensitive adhesives

压敏胶粘剂溶解度的测定

(English Translation)

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Foreword

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

This standard uses redrafted Law Amendment uses ISO 25179:2010 "Determination of adhesive pressure-sensitive adhesive water or alkali solubility." this standard compared with ISO 25179:2010, the structural changes are as follows.

--- Added a chapter (Chapter 3)

--- Add one (7.7);

--- Chapter 9 is divided into two, respectively, 9.1 and 9.2;

--- Removed Appendix A the main technical differences between this standard and ISO 25179:2010 and their reasons are as follows.

--- Normative references, this standard made a technical differences with the adjustment to adapt to China's national conditions, to adjust the situation focus Reflected in Chapter 2 "Normative references", the specific adjustments are as follows.

- Added GB/T 22396 "pressure-sensitive adhesive terminology," easy to understand;

- Removed ISO 291, written directly in 7.7.

--- Added Chapter 3 terms and definitions, easy to understand.

--- In the choice of test substrate, according to domestic facts, an increase of PET and BOPP, delete kraft paper. To reduce the substrate pair Interference with adhesive solubility (see 6.3).

--- Wet glue thickness modified to "about 25µm, may also be agreed by both parties" in order to meet the national conditions (see 7.2).

--- Removed Appendix A, the test report does not require separate appendix.

This standard proposed by the China Petroleum and Chemical Industry Federation.

This standard by the National Standardization Technical Committee adhesives (SAC/TC185) centralized.

This standard was drafted unit. Shanghai Institute of Rubber Products Co., Ltd., Kaiping City Qiyu Adhesive Products Co., Ltd., Fenghua Technology Exhibition Co., Ltd., Shanghai Modern Environmental Engineering Co., Ltd., Shenzhen, the United States letter Electronics Co., Ltd., Huizhou City, Hui Hui Chemical Co., Ltd.

the company.

1 Scope

This standard specifies the method of determination of pressure-sensitive adhesive solubility.

This standard applies to pressure-sensitive adhesives in aqueous solution or alkaline solution solubility determination.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 22396 Pressure-sensitive adhesive terminology

3 Terms and definitions

GB/T 22396 defined terms and definitions apply to this document.

4 Principle

The pressure-sensitive adhesive is coated on a substrate (such as PET, BOPP), after drying the solvent, a pressure-sensitive adhesive tape sample is made. In water or alkaline the solution was shaken pressure-sensitive adhesive tape samples, testing the quality of the adhesive loss, measured its solubility.

5.1 Shaker

Shaker used for shaking the sample bottle shaker can be heated to 40 °C ~ 80 °C, the temperature difference is not greater than 2 °C, and can control the shaking rate of 10r/min ~ 100r/min between. see picture 1.