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**Test Methods for Thermal Sealing
Strength of Plastic Film Packaging Bag**

塑料薄膜包装袋热合强度试验方法

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Foreword

This Standard was modified on the basis of professional standard ZBY 28004-86 *Test Methods for Thermal Sealing Strength of Plastic Film Packaging Bag*.

This Standard nonequivalent adopted Japanese industry standard JIS Z 0238-1995 *Test Method for Sealed Flexible Packaging Bag*.

This Standard added the specimen measurement method; added test conditions in the test report.

This Standard was proposed by Quality Standard Department of China Light Industry Association.

This Standard shall be under the jurisdiction of National Standardization Center of Plastics.

Drafting organization of this Standard: Jilin Plastics Research Institute.

Chief drafting staffs of this Standard: Dong Xiaowei, Gao Yunxue, Yu Yan, Jiang Shulan, and Zhao Lili.

This Standard replaced ZBY 28004-86 since the date of implementation.

Test Methods for Thermal Sealing Strength of Plastic Film Packaging Bag

1 Scope

This Standard specifies the test methods for thermal sealing strength of plastic film packaging bag.

This Standard is applicable to the determination of thermal sealing strength for various plastic film packaging bags.

2 Normative References

The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. At the time of publication, the editions indicated are valid. All standards are subject to revision. The parties who are using this Standard shall explore the possibility of using the latest version of the following standards.

GB 2918-82 Plastics – Standard Atmospheres for Conditioning and Testing

3 Equipment and Measuring Gauges

3.1 Equipment

Tensile tester: the actually-measured indication shall be in the range of 15% ~ 85% of the full scale of the dial; and the reading indication error shall be within $\pm 1\%$.

3.2 Measuring gauges

Vernier caliper: accuracy of 0.02mm.

Ruler: accuracy of 1mm.

4 Specimen

4.1 Sampling position

As shown in Figure 1, take samples from the side, back, top and bottom of the plastic