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

GB/T 22376.1-2008

**Adhesives -- Methods of preparing bulk specimens -- Part 1:
Two-part systems**

胶粘剂 本体试样的制备方法 第1部分：双组份体系
(English Translation)

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Table of Contents

- Foreword
- Introduction
- 2 Normative references
- 3 Definitions
- 4 Die
- 4.1 Overview
- 4.2 Tablet

Foreword

GB/T 22376 "Adhesive bulk sample preparation method" is divided into two parts.

--- Part 1. Two-component system;

--- Part 2. Hot curing one-component system.

This section GB/T Part 122 376, equivalent using ISO 15166-1:1998 "body sample preparation Adhesive Part 1. The two-component system "(in English).

This section is equivalent translation ISO 15166-1:1998, part of the normative references replaced by the national standards with international standards, the reference standard Associate content with international standards there is no difference.

For ease of use, this standard to the following editorial changes.

- a) "this International Standard" be replaced by "this standard";
- b) Remove the preface to the international standards.

This part is proposed by the China Petroleum and Chemical Industry Association.

The adhesive part of the National Standardization Technical Committee (SAC/TC185) centralized.

This section is drafted. Shanghai Rubber Products Research Institute, Beijing Tianshan new materials technology limited liability company, Foshan Nanhai tyrants of chemical Co., Ltd., Shanghai Kangda Chemical Co., Ltd.

Introduction

In the design adhesive joints, it is necessary to know the exact value of the mechanical properties of the adhesive, it is possible to calculate the stress distribution in the joint

loading and correct Set Adhesive damage allowable value. Use adhesive joints in the form of a sample to test the performance of the above-mentioned method is not ideal. Because the standard sample the layer thickness on the size of the strain and the thickness value is generally small (typically 1 Scope this section GB/T 22376 describes the preparation of bulk adhesive sample.

Preparation method described in this section applies to a two-component adhesive, such as epoxy, polyurethane, acrylate.

This method does not apply to prepared adhesive bulk sample gas released volatile solvent escape or cured. While not applicable those in single-component adhesives to be used in a bonding surface of the initiator. In addition, this method is not suitable for operating time is very short glue Sticky agent, because there is not enough time to mix rubber, plastic injection and mold.

2 Normative references

The following documents contain provisions which, through reference GB/T 22376 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2035 plastic terms and definitions (ISO 472. 1988, MOD) GB/T 11997 Preparation and use of plastic multipurpose test specimens (ISO 3167:1993, MOD) ISO 2818:1994 --- plastic machining method for preparing a sample

3 Definitions

The purposes of this section, according to GB/T 2035 stipulates that references the following terms.

It refers to the preparation of adhesives or resins after to maintain its performance in the time available.

4.1 Overview

The mold should comprise two plates separated by restrictions block, U-frame or continuous box (see Figure 1) between the two plates.

a) limit block b) U-shaped frame c) continuous box

Example 1 Model

4.2 Tablet

Preparation of 5mm thick metal plate using at least said two plates. This facilitates heat transfer adhesive curing process, but also to avoid sample preparation GB/T 22376.1-2008/ISO 15166-1:1998