

ICS 81.080

CCS Q 40



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

GB/T 4513.7-2017

**Monolithic (unshaped) refractory products -- Part 7: Tests on
pre-formed shapes**

Issued on: October 14, 2017

Implemented on: September 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/T 4513 "amorphous refractory" is divided into the following eight sections.

- Part 1. Introduction and classification;
- Part 2. Sampling;
- Part 3. Basic characteristics;
- Part 4. Determination of fluidity of castables;
- Part 5. Sample preparation and pretreatment;
- Part 6. Determination of physical properties;
- Part 7. Determination of preforms;
- Part 8. Determination of special properties.

This section GB/T 4513 Part 7.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with ISO1927-7.2012 "amorphous refractory materials Part 7. Determination of preforms."

Our standard of conformity with the international documents referenced normatively in this section is as follows.

Unshaped refractory materials - Part 1. Introduction and classification (ISO 1927-1.2012, MOD);

--- GB/T 4513.6-2017 amorphous refractory materials - Part 6. Determination of physical properties (ISO 1927-6.2012, MOD).

Please note that some of this document may be patentable. The issuing agencies of this document do not bear the responsibility of identifying these patents.

This part of the National Refractories Standardization Technical Committee (SAC/TC193) and focal point.

This section is responsible for the drafting unit. Sinosteel Luoyang Refractory Research Institute Co., Ltd., Zhengzhou Ruitai Refractory Technology Co., Ltd., Beijing

Lier High Temperature Materials Co., Ltd., MCC Wuhan Metallurgical Construction Research Institute Co., Ltd.

1 Scope

GB/T 4513 provisions of this section has been preformed amorphous refractory test methods.

This section applies to the definition of ISO 1927-1 by pouring or ramming delivered amorphous shape has a certain shape refractory material. individual

The test method can be implemented after the parties concerned have reached consensus.

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.

ISO 1927-1 amorphous refractory materials - Part 1. Introduction and classification
[Monolithic (unshaped) refractoryprod-

ucts-Part 1.Introductionandclassification]

ISO 1927-6 amorphous refractory materials - Part 6. Determination of physical properties
[Monolithic (unshaped) refractory

products-Part 6.Measurementofphysicalproperties]

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Corner defects cornerdefect

The missing corner, as shown in Figure 1, is represented by a, b, and c dimensions.

Figure 1 Typical angle defects