

ICS 83.140.99

G 47



National Standard of the People's Republic of China

GB 20688.4-2007

Rubber bearings -
Part 4: Normal rubber bearings
橡胶支座 第 4 部分：普通橡胶支座

Issued on May 14, 2007

Implemented on October 01, 2007

**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**

Contents

Foreword	1
1 Scope	2
2 Normative references	2
3 Terms and definitions	5
4 Symbol	6
5 Plate bearing	7
6 Pot rubber bearing	16
7 Test method	26
8 Inspection rules	29
9 Marking, package, transportation and storage	32
Annex A (Normative) Mechanical property test method of finished product of plate type pad bearing	34
Annex B (Normative) Method for test on the mechanical property of the pot bearing finished product	47

Foreword

Article 5.3, Article 6.3 of this part and Chapter 9 are mandatory articles, the rest are recommended articles.

Rubber Bearings includes four parts:

- Part 1: Test method of seismic isolation rubber bearings;
- Part 2: Seismic isolation rubber bearings for bridges;
- Part 3: Shock insulation rubber bearing;
- Part 4: normal rubber bearing.

This is the fourth part of Rubber Bearings.

Annex A of this part is regarded as normative annex.

This Part is proposed by China Petroleum and Chemical Industry Association.

The Standard is under the jurisdiction of Subcommittee on Sealing Products of National Technical Committee for Standardization of Rubber and Rubber Products (SAC/TC 35/SC 7).

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Rubber bearings -

Part 4: Normal rubber bearings

1 Scope

This part specifies the definitions, production classification, label, requirements, test method, making, package, transportation and storage of normal rubber bearings.

This part applies to the design of plate type rubber bearings (hereinafter called “plate bearing”) with a vertical load under 3 MN and pot rubber bearings (hereinafter called “pot bearing”) with a vertical loading capacity under 60 MN.

2 Normative references

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. However, parties to agreements based on this Standard are encouraged to investigate the possibility of applying the latest versions of the normative documents indicated below. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 528—1998 Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties (eqv ISO 37:1994)

GB/T 699 Quality carbon structural steels

GB/T 700 Carbon structural steels

GB/T 912 Hot-rolled sheets and strips of carbon structural steels and high strength low alloy structural steels

GB/T 1033-1986 Test method for density and relative density of plastics (eqv ISO/DIS 1183:1984)

GB/T 1040-1992 Plastics - Determination of tensile properties

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