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

GB/T 21539-2008

Cement-purpose PU piston

混凝土泵用聚氨酯活塞

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Foreword

The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Rubber and rubber products Standardization Technical Committee rubber sundries Club (SAC/TC35/SC7) centralized. This standard was drafted. Three of the Nanjing Rubber Co., Ltd. The main drafters of this standard. Lin Hongyun, Li Zuo, Ge Weidong. This standard was first formulated. Polyurethane concrete pump piston

1 Scope

GB/T 21539-2008 is the Chinese national standard on cement-purpose pu piston, in the field of rubber and plastic industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 7 April 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2008. Classification: ICS 83.140.99, CCS G47. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the concrete pumps polyurethane piston (hereinafter referred to as piston) requirements, test methods, inspection rules and signs, packaging, transportation Transport and storage. This standard applies to all types of concrete pump truck with a polyurethane piston.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 528-1998 vulcanized rubber or thermoplastic rubber tensile stress strain properties (eqv ISO 37.1994)

GB/T 529-1999 Determination of vulcanized rubber or thermoplastic rubber tear strength (Trouser, angle and crescent test pieces) (eqv

ISO 34-1.1994) Hardness test

GB/T 531-1999 rubber hardness pressed into the pocket (idt ISO 7619. 1986)

GB/T 1689-1998 Determination of abrasion resistance of vulcanized rubber (in Akron machine)

GB/T 3672.1 Rubber Products tolerance - Part 1. Dimensional tolerances (GB/T 3672.1-2002, ISO 3302-1.1996, IDT)

GB/T 5721 rubber seal products logo, packaging, transportation and storage of general provisions

3 Requirements

3.1 Appearance Piston surface does not allow any air bubbles, impurities, cracks and other defects.

3.2 Dimensions and tolerances Size of the piston shown in Figure 1, a schematic view of the A, B, C, H for the main dimensions. Dimensions and tolerances shall comply with the requirements of the drawings provided by the demand side. When drawing without tolerance requirements, according to GB/T 3672.1 predetermined level, selected in consultation by both parties.

1 a schematic diagram of the piston

3.3 Compound Properties With rubber physical properties of the piston should be consistent with Table 1.