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

GB/T 531.2-2009

**Rubber, vulcanized or thermoplastic -- Determination of
indentation hardness -- Part 2: IRHD pocket meter method**

硫化橡胶或热塑性橡胶 压入硬度试验方法

(English Translation)

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1 Scope

This Part of GB/T 531 specifies a method for determining the indentation hardness of vulcanized or thermoplastic rubber by means of a pocket hardness meter calibrated in IRHD. The use of such meters is primarily intended for control the product quality. It is possible to increase precision by fixing the pocket hardness meter on a support.

2 Normative References

The provisions in following documents become the provisions of this Part of GB/T 531 through reference in this Part. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Part, however, parties who reach an agreement based on this Part are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 2941 Rubber - General Procedures for Preparing and Conditioning Test

Pieces for Physical Test Methods (GB/T 2941-2006, ISO 23529:2004, IDT)

GB/T 6031 Rubber, Vulcanized or Thermoplastic - Determination of Hardness (Hardness between 10 IRHD and 100 IRHD) (GB/T 6031-1998, idt ISO 48:1994)

3 Measurement Principle

Press the specific shape of indenter into the tested materials under the specific conditions and form the indentation depth; then convert the indentation depth into the hardness value.

Chinese Standards

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