



National Standard of the People's Republic of China

GB/T 2994—2008
Replace GB/T 2994—1994

High alumina refractory mortars

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(English Translation)

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Foreword

SAC/TC 193 is in charge of this English translation. In case of any doubt about the contents of English translation, the Chinese original shall be considered authoritative.

This standard replaces the GB/T 2994—1994 *High alumina refractory mortars* in whole. In addition to a number of editorial changes, the following technical deviations have been made with respect to the GB/T 2994—1994.

- Two groups LN-55B and LN-85B are cancelled;
- Phosphate bonded refractory mortars are expressed using letter P;
- Group GN-90P is added;
- Refractoriness under load index of GN-85P is adjusted.

This standard was proposed and prepared by SAC/TC 193 Technical Committee on Refractories of Standardization Administration of China.

The previous editions of GB/T 2994 are as follows:

- GB/T 2994—1982, GB/T 2994—1994.

High alumina refractory mortars

1 Scope

This standard specifies the classification, technological requirements, test methods, quality appraisal procedure, packing, marking, transportation, storage and quality certificate of high alumina refractory mortars.

This standard is applicable to the high alumina refractory mortars for lining high alumina refractory bricks.

2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. For dated references, subsequent amendments (excluding corrections), or revisions, of any of these publications do not apply to this standard. However parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

GB/T 6900, *Chemical analysis of alumina-silica refractories*

GB/T 7322, *Refractory products—Determination of pyrometric cone equivalent (refractoriness)*

GB/T 15545, *Unshaped refractory—Packing, marking, transportation and storage*

GB/T 17617, *Refractory products—Sampling of raw materials and unshaped products*

GB/T 22459.3, *Refractory mortars—Part 3: Determination of joint stability*

GB/T 22459.4, *Refractory mortars—Part 4: Determination of flexural bonding strength*

GB/T 22459.5, *Refractory mortars—Part 5: Determination of grain size distribution (sieve analysis)*

GB/T 22459.7, *Refractory mortars—Part 7: Determination of properties at elevated temperatures*