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

中华人民共和国国家标准

GB/T 26654—2011

**Casting magnesium alloys for
automobile wheels
汽车车轮用铸造镁合金**

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China**

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Foreword

This Standard is drafted according to the rules specified in GB/T 1.1-2009.

This Standard is proposed by and under the jurisdiction of National Technical Committee on Casting of Standardization Administration of China (SAC/TC 54).

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Casting magnesium alloys for automobile wheels

1 Scope

This Standard specifies the technical requirements and inspection rules of casting magnesium alloy for automobile wheel (hereinafter referred to as the "Wheel").

This standard applies to casting magnesium alloys for automobile wheels.

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 (Including all corrections) or revisions made thereafter shall be applicable to this Standard.

GB/T 228 Metallic materials--Tensile testing at ambient temperature (GB/T 228-2002, eqv ISO 6892: 1998)

GB/T 231.1 Metallic materials—Brinell hardness test—Part 1: Test method (GB/T 231.1-2009, ISO 6506-1: 2005, MOD)

GB/T 1177 Cast magnesium alloys

GB/T 8063 Designation of cast nonferrous metals and their alloys (GB/T 8063-1994, neq ISO 2092: 1981)

GB/T 8170 Rules of rounding off for numerical values & expression and judgment of limiting values

GB/T 13748.1 Chemical analysis methods of magnesium and magnesium alloys—Determination of aluminium content (GB/T 13748.1-2005, ISO 791: 1973, NEQ)

GB/T 13748.4 Chemical analysis methods of magnesium and magnesium alloys—Determination of manganese content—Periodate spectrophotometric method (GB/T 13748.4-2005, ISO 2353: 1972, NEQ)

GB/T 13748.7 Chemical analysis methods of magnesium and magnesium alloys—Determination of zirconium content—Xylenol orange spectrophotometric method

GB/T 13748.8 Chemical analysis methods of magnesium and magnesium alloys—Determination of rare earth content—Gravimetric method (GB/T 13748.8-2005,

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