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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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Steel strip for packing

包装用钢带

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Steel strip for packing

1 Scope

This Standard specifies the designation and classification, ordering content, dimensions, shapes and allowable deviations, technical requirements, inspection and test, packaging, marking, transportation and quality certification for steel strips for packing.

This Standard applies to steel strips for the strapping use for packing for metal materials, glass, light industrial products, logistic transportation and so on (hereinafter referred to as strapping strips).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition dated applies to this document. For undated references, the latest edition of the referenced documents (including all amendments) applies to this document.

GB/T 228.1, *Metallic materials – Tensile testing – Part 1: Method of test at room temperature*

GB/T 235, *Metallic materials – Sheet and strip – Reverse bend test*

GB/T 247, *General rule of package mark and certification for steel plates (sheets) and strips*

GB/T 8170, *Rules of rounding off for numerical values & expression and judgement of limiting values*

GB/T 10125, *Corrosion tests in artificial atmospheres – Salt spray tests*

GB/T 17505, *Steel and steel products – General technical delivery requirements*

3 Designation and classification

3.1 Designation

The designation of strapping strips consists of minimum tensile strength value and

Chinese Pinyin initials “KD” of “strapping strip”.

Example: 830KD.

830 – specified minimum tensile strength, in MPa;

KD – Chinese Pinyin initials of “strapping strip”.

3.2 Classification

3.2.1 They are classified into the following based on the strength:

- a) ordinary strapping strips: 830KD and 880 KD;
- b) high-strength strapping strips: 930KD and 980KD;
- c) ultrahigh-strength strapping strips: 1150KD, 1250KD and 1350KD.

3.2.2 They are classified into the following based on the surface condition:

- a) blued: referring to that the surface of finished products includes an oxidation film and a wax protective layer.
- b) painted: referring to that the surface of finished products includes paint and a wax protective layer.
- c) galvanized: referring to that the surface of finished products includes zinc (zinc alloy) and a wax protective layer.

3.2.3 They are classified into the following based on the coiling method:

- a) simplex coiling (hereinafter referred to as simplex): a coiling method in which the coiling centre is fixed during the coiling of finished products.
- b) duplex coiling (hereinafter referred to as duplex): a coiling method in which the coiling centre reciprocates to an agreed distance along an axis.

4 Ordering content

Contracts or orders based on this Standard shall include the following content:

- a) designation;
- b) a reference to this Standard;
- c) dimensions;

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