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

GB 5196-1985

Replacing GB 5196-1985

**Ropes and cordage -- Colour code for identification
(English Translation)**

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Foreword

This standard replaces GB 5196-1985 "with a color-coded identification of rope." this standard and GB 5196-1985 compared to the main changes are as follows.

- Scientific name was added after the fiber corresponding abbreviation;
- Cancel reference using ISO 4877. 1980 "with color-coded identification of the rope";
- Manila Asahara special gifted class to excellent;
- Manila Asahara first, second to first-class, qualified.

The standard proposed by China Textile Industry Association.

This standard by the Shanghai textile industry technical supervision of the centralized.

This standard by the technical supervision of the Shanghai textile industry is responsible for drafting.

1 Scope

This standard is used as the uniform provisions on the constituent material of discriminating rope made of color-coded.

This standard applies to a given minimum diameter 4mm above abaca and sisal ropes and polyamide (nylon), polyester (PET), PE (Polyethylene), polypropylene (PP) fiber ropes.

Principle 2

Placed in a predetermined rope strands in the rope yarn color, or color tuning ropes infected regulations.

3 Color-coded

Identification of the material composition and color of the marker rope requirements specified in Table 1 by the execution.

Table 1 rope material composition and color identification marking requirements

Material identification material color discrimination mark Manila hemp excellent First qualified black Wherein three strands have a black rope yarn Wherein each two shares of a black rope yarn There is a surge in black rope yarn Sisal red wave has a red rope yarn Polyamide (nylon) a green wave in a green rope yarn Polyester (PET) blue b wave in a blue rope yarn PE (Polyethylene) has an orange an orange rope yarn or whole orange ropes Polypropylene (PP) in a surge of brown yarn or string brown brown whole ropes , B should choose a light green (with polyamide) and dark blue (Polyester), two colors to avoid confusion.