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YS

**NONFERROUS METALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YS/T 418-2012

Replacing YS/T 418-1999

**Nonferrous-metals concentrate products. Packing, marking,
transporting and storing**

有色金属精矿产品包装、标志、运输和贮存

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Packaging
3.1 Packaging Materials
3.2 Package
3.3 Loading requirements

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

Instead of the standard YS/T 418-1999 "non-ferrous metal concentrate product packaging, labeling, transportation and storage," This standard YS/T 418-Compared to 1999, mainly in the following changes.

- Increased clearly defined materials packaging materials;
- Concentrate increased package varieties;
- Increased FIBC packaging;
- Clear technical requirements of the packaging specifications;
- Remove the packaging clearly defined concentrate water;
- Of the relevant insurance policy in accordance with relevant insurance requirements change;
- Tare terms of packaging materials clear calculation method;
- Concentrate on security measures were improved.

This standard by the national non-ferrous metals Standardization Technical Committee (SAC/TC243) centralized.

1 Scope

This standard specifies the non-ferrous metal concentrate products, packaging, labeling, transport and storage.

This standard applies to non-ferrous metal concentrate products. copper, lead, zinc, gold,

silver, molybdenum, nickel, tin and so on.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 10454 Container GB/T 17448 Container Size

3.1 Packaging Materials

Packaging materials should use low-density polyethylene plastic woven fabric (color of the cloth), soft PVC blown film (plastic film), oil thatch cloth.

3.2 Package

3.2.1

concentrate train transportation should adopt low-density polyethylene plastic woven cloth large bag (see Figure 1), container bags (see Fig. 2) or small Bag.

Note: Figure 1 should be used for low-density polyethylene woven 70g/m; the mattress, the total area of 114m²; bag total weight of 8kg ~ 8.5kg; bag length 13m; bottom of the bag Wide 2.8m; side bags high 2.7m; two bags width 2.8m; bags two high 1m; the same material as the rope 12 (rope length 0.3m, rope width 0.02mm).

3.2.2

Motor Transport concentrates should adopt flexible PVC blown film bottom and side walls, the upper low density polyethylene woven cloth or plastic Oil tarpaulin covers and tied tight, can also be used FIBC or sachet.

3.2.3

concentrate transport ship, should adopt low-density polyethylene plastic woven cloth or tarpaulin covering oil and tied tight.

3.2.4

Container transport concentrate, may be inside the low-density polyethylene plastic woven cloth or soft PVC blown film packaging party C Formula (see Figure 3).

3.2.5

Gold, silver, molybdenum, nickel, tin and other rare it should concentrate lined with soft PVC blown film, topical low-density polyethylene plastic woven fabric Double sachet.

3.3 Loading requirements

3.3.1

concentrate product loading (ship containers) before the carriage (cabin, containers) should be cleaned. Found cars have cracks or holes should be Then loaded jam.

3.3.2

Each compartment (cabin, containers) should be installed in the same grade ore and water are basically the same.

3.3.3

train or automobile transport concentrate, dried woven sacks (pouch) packaging or pad mounted at the bottom and side walls blown film, loading concentrate product, should concentrate Grilled flat surface, then fasten the bag (strapped drape or closed car wallboard), on the cover cloth tied ropes lead button, and enter its firmness Line inspection.