

Casein Gum HD869 TDS

1. Product Overview

Casein gum is mainly made of casein, crosslinker, modified starch, urea, viscosity modifier, defoamer, preservative (potassium sorbate) and other raw and auxiliary materials heated, dissolved and polymerized in water, mainly used for the bonding between paper trademarks and glass and paper materials; It is suitable for machine labeling (straight type, rotary type), and the labeling speed can be used normally in the range of 2000-60000 bottles/hour.

2. Product features

1. This product has no precipitation and impurities, good fluidity, stable nature, and no mildew during the shelf life;
2. Uniform gluing, no glue, no hanging wire, fast drying speed, can be positioned within a few seconds after pasting;
3. High adhesive strength, no label dropping, no tearing label, no brittle cracking after the coating film dries;
4. The wetting effect on the substrate is good, and the labeling rubber pattern is complete, clear and beautiful;
5. The labeling has good resistance to ice water and room temperature water, up to more than 7 days;
6. There is no residue after recycling and cleaning of glass containers;
7. This product is an environmentally friendly water-based glue, biodegradable and easy to clean.

3. Technical Indicators

Model	HD869
appearance	Light yellow thick colloid, uniform perception, no impurities and particles
smell	There is no obvious pungent odor
pH (20°C)	8.5
Viscosity (25°C, mpa.s)	65000
Solids content (%)	37.5
Drying time(S)	15
Ice water resistance time (days)	≥7
Label Removal Performance (2.0% Caustic Concentration, 85°C) (S)	320
Shelf life (days)	180
remark	The specific indicators are subject to the factory test report.

4. The implementation of standards

The physical and chemical indicators and quality of the product are in line with the enterprise standard "Trademark Glue" Q/59467940-0-2.

5. Safety precautions

For details, please refer to: Safety Data Sheet for Trademark Rubber (MSDS).

6. Packaging materials and specifications

1. Packed in polyethylene or polypropylene plastic drums, net weight: 20 kg/drum



7. Product storage

Storage environment: warehouse temperature 10-35°C, ventilation, avoid sun, rain;
Product stacking: It is recommended to stack pallets off the ground; No more than 3 layers of plastic buckets are stacked.

8. Product handling:

It is recommended to use a pallet truck or forklift truck, and the plastic bucket is stacked in no more than 3 layers; Be cautious and handle gently during handling to prevent throwing off and damaging the package; According to the production date, first-in, first-out.

9. Product packaging opening:

Packed in polyethylene or polypropylene plastic drums



10. Product use:

1. The best operating temperature of this product is 20°C-35°C;
2. It is recommended to use a glue pump with a heating device at a constant temperature;
3. After the product packaging is opened, it can be directly pumped to the labeling machine with a glue pump for direct use.

11. Precautions for product use:

1. This product is forbidden to be mixed with other brands of products, and it is forbidden to mix with other chemical glues;
2. If you use products of other brands, you must clean the rubber pump, rubber roller, and standard plate before switching;
3. During use, it is recommended to add a small amount many times;
4. According to the production volume, use it on demand; Minimize the remaining glue reserves; Priority is given to the glue left over from the last time.

12. Product packaging processing:

1. After using the complete barrel of glue, try to clean the residual glue on the wall of the barrel or the plastic bag lined with it;
2. Plastic buckets can be stacked on top of each other and can be recycled.