

# Hot Melt Adhesive FAST1100 TDS

## 1. Product Overview

This series of products are thermoplastic adhesives made of polyolefin POP and POE polymerized by metallocene catalysts, imported hydrogenated petroleum resins and rosin resins, imported Fischer-Tropsch waxes and other components, which are widely used in food, beverages, instant noodles, cigarettes, beer, medicine and other packaging and sealing, as well as the rapid bonding and shaping of various electronic components.

## 2. The performance characteristics of the product

1. Strong adhesion, wide range of adaptability, short curing time, good viscosity to ordinary color printing cartons and varnish cartons.
2. It has good heat resistance and fixation (anti-slip). At the same time, it has excellent cold resistance, suitable for use in the extremely cold weather, and is resistant to acid and alkali salt medium corrosion.
3. The color of the glue is pure white, with excellent heat sealability, and has good permeability to various paper surfaces.
4. The glue is clear and transparent, without any impurities, and it rarely produces carbon deposits due to aging after repeated use, and does not clog the pipette head.
5. Solvent-free, pollution-free, environmentally friendly and non-toxic.

## 3. The main performance indicators

Technical Indicators	Indicator values
Exterior color	Pure white
smell	Gentle and non-irritating
Softening point (°C) (Ring and ball method)	109.8
Density (g/cm <sup>3</sup> ).	0.92
Opening hours: (temperature 160°C, room temperature 25°C).	3-4S
Curing speed (temperature 160°C, room temperature 25°C).	1-2S
Shelf life	Two years

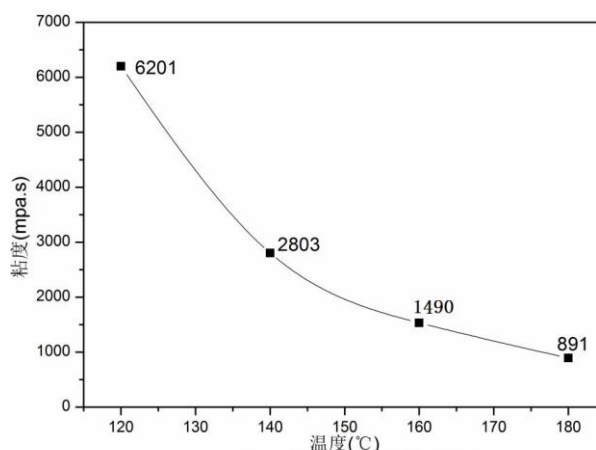


图1、粘度随温度变化曲线图



**Do it better with heart.**

#### **4. The implementation of standards**

The physical and chemical indexes and quality of the product are in line with the enterprise standard "Hot Melt Adhesive" Q/59467940-0-1-2021.

#### **5. Safety precautions**

For details, please refer to: Safety Data Sheet for Hot Melt Adhesives (MSDS).

#### **6. How to use:**

It is suitable for a variety of coating methods such as multi-line, slit squeegee, spiral spraying and fiber spraying.

#### **7. Packaging materials and specifications**

Nylon woven bag, net weight: 25 kg/bag.

#### **8. Product transportation and storage**

During transportation, avoid heavy pressure, sun and rain.

Products should be stored in a cool, ventilated warehouse with a stacking limit of 10 layers and a storage temperature of 0-40°C.

#### **9. Use and precautions of the product**

1. Use by hot melt adhesive machine, the use temperature is 150°C-170°C.
2. During the production process, please close the cover of the glue tank and keep the site clean to prevent debris from falling into the glue machine and clogging.
3. If you use other brands of products, before switching, you should use the glue in the glue box as much as possible, and then add the glue to fully melt, and then clean the mixed glue before using it.
4. Try to add a small amount of multiple times during use, and ensure that the glue is fully melted before use.
5. During use, pay attention to prevent burns.

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