

# Hot Melt Adhesive 5160A TDS

## 1、Product Overview

This series of products is a thermoplastic adhesive composed of thermoplastic elastomers SIS, SBS, modified rosin resin and microcrystalline wax, which are widely used in the continuous bonding of difficult-to-stick paper products such as heavy varnish cartons, film-coated cartons, and film-coated medicine boxes.

## 2、Performance characteristics of the product

- 1、It has good initial tack and good adhesion to various plastic films such as PE film, PVC film, and PET film.
- 2、It has good heat resistance and fixation, and at the same time has excellent cold resistance, and still has good adhesion to the laminated surface of the laminated carton at -20 °C.
- 3、The glue has good fluidity, no impurities, and does not clog the pipette tip.
- 4、The solid content is 100%, which can be continuously produced and used repeatedly without carbonization.
- 5、Solvent-free, pollution-free, environmentally friendly and non-toxic.

## 3、Key performance indicators

Technical Indicators	Indicator values
Exterior color	Light yellow solid particles
smell	Gentle and non-irritating
Softening point (°C) (Ring and ball method)	90
Density (g/cm3)	1.02
Opening hours:	6-7S
Curing time	1-2S
Shelf life	Two years

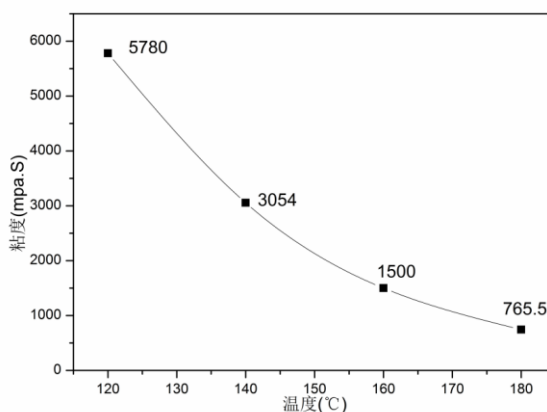


图1、热熔胶5160粘度随温度变化曲线



**Do it better with heart.**

#### **4、Enforce the standard**

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 the Safety Data Sheet (MSDS) for hot melt adhesives.

#### **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: 25kg/bag.

#### **8、The product is transported and stored far away**

During transportation, avoid heavy pressure, sun and rain.

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

#### **9、Use and precautions for the product**

1. It is used by a hot melt adhesive machine, and 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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