



Henghe Materials & Science Technology Co., Ltd.

C9 HYDROGENATED HYDROCARBON RESIN

HM-1000

SPECIFICATIONS

Item	Testing Index	Testing Result	Test Method
Colour Gardner(Ga#)	0-1.0	0.0	ASTM D6166
Yellowness Index (YI)	0-4.50	0.37	ASTM E313
Softening Point (Ring&Ball, °C)	95.0-105.0	99.7	ASTM E28
Bromine Number (g Br/100g)	-	0.55	ASTM D1159
Acid Value (mgKOH/g)	≤0.50	0.02	ASTM D-974
Melt Viscosity (190°C mPa.s)	≤250	141	ASTM D3236

1. CHARACTERISTICS

HM-1000 is water white thermoplastic resin obtained from polymerizing of C9 and Hydrogenation. The major usages are tackifier for hot melt adhesive(HMA), hot melt pressure sensitive adhesive (HMPSA) because of its good heat resistance and good compatibility with base polymers, such as EVA, SBS, SEBS, etc.

2. APPLICATION

- ※ Pressure sensitive adhesive
- ※ Resinous and polymeric coatings for poly olefin films
- ※ Components of paper and paperboard in contact with aqueous and fatty foods.
- ※ Components of paper and paperboard in contact with dry food
- ※ Closures with sealing gaskets for food containers
- ※ Olefin polymers
- ※ Cosmetics.

3. PACKAGE

- ※ 25 kg craft paper bags, big bags of 500kgs.

4. STORAGE

- ※ This product should be stored in ventilated, cool, dry, clean and have a good fire control facilities in the warehouse. Storage the products from the ground, away from the wall 10 ~ 20 cm, stacking height is less than 3m, Proper spacing between pile and pile, in order to assure the material is dry, prevent moisture, prevent sun direct illuminate, the normal temperature in warehouse is not more than 40 °C, and humidity is not more than 85%. With properly storage conditions, the effective storage period is 1 year;