

**RT-9101 C5 HYDROCARBON RESIN**

It is a premium aliphatic C5 hydrocarbon resin with narrow molecular weight distribution designed for variety of polymers including EVA, APP, APAO, SIS Copolymers. Natural and synthetic rubber including polyisoprene , polyisobutylene and butyl rubber.

Product Specifications		Typical Properties	
Softening Point °C	96 to 104	Softening Point °C	99.5
Color, YI	40 Max	Color, Gardner/YI--Initial	3.2
Appearance	Transparent light yellow solids	Wax Cloud Point °C (EVA/Resin/Wax)	83 (22.5/32.5/45)
		Insolubles, wt%	0.02

**Applications**

Tackifier or modifier for adhesive systems ,including:

- a) Hot melt adhesive
- b) Pressure sensitive adhesive
- c) Tapes

**Performance:**

1. Is a light colored, premium, aliphatic hydrocarbon resin with a narrow molecular weight distribution.
2. Has excellent compatibility with EVA, APP, APAO, styrene block polymers (such as SIS, SEBS, and SBS), Natural Rubber and many kinds of synthetic rubbers, as well as natural tackifier resins (such as terpene, colophonyl and its derivatives).
3. Can be blended to customer requirements with other materials and different resins to improve adhesive performance.
4. Provides good adhesive capability , excellent aging stability and light color in Hot Melt Pressure Sensitive adhesive

**Packaging and supply**

Package:  
Packing size:25KG in paper-plastic composite bag ;  
Super sack packaging: From 450Kg to 1000Kg in one sack upon the customers requirements.  
Supply:  
Supplied on shrink-wrapped pallets of 40 bags or 50bags each.

**Regulatory/Classifications**

CAS No. 68478-07-9  
US FDA: 21 CFR 175.105 Adhesives  
21 CFR 177.2600 Rubber articles intended for repeated use.  
21 CFR 175.125 Pressure sensitive adhesives.  
21 CFR 175.300 Resinous and polymeric coatings  
21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods  
21 CFR 176.180 Components of paper and paperboard in contact with dry food

Other regulatory information information available on request

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**Storage**

Pelletized forms of resins may block or lump in hot weather climates or if stored near heat sources.  
Inside storage is recommended and keep at temperature not exceeding 30°C.The useful life of this product can be affected by storage and handling conditions. When stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures and contamination, the shelf life of this product is estimated to continue to meet applicable sales specifications for 24 months from the date of manufacture. Shelf Life is a guide not an absolute value. The product should be reanalyzed for critical properties at the end of its shelf life to see if it meets specification for use.

**Product Safety**

Read and understand the Material Safety Data Sheet before using

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