



Better Quality Better Service

Technical Data Sheet

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C5 HYDROCARBON RESIN HAITACK™ JH-3201

HAITACK™ **JH-3201** 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:

Softening Point, °C	91.0~97.0
Color, YI	60 Max
Wax Cloud Point, °C (EVA/Resin/Wax)	90 MAX (20/40/40)
Appearance	Transparent light yellow solids

Typical Properties:

Softening Point, °C	92.9
Color, Gardner/YI--Initial	3.0/23
Wax Cloud Point, °C (EVA/Resin/Wax)	85 (20/40/40)
L Value	93
Thermal Color Stability(YI) 5hrs, 175 °C	51
Melt Viscosity, 160 °C(cp)	655
Glass Transition Temperature (Tg), °C	45
Molecular Weight	
Mw	1690
Mn	1057
Mz	2750
D	1.6



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Insolubles, wt%	0.02
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Applications

Tackifier or modifier for adhesive systems, including:

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

Performance:

- Is a light colored, premium, aliphatic hydrocarbon resin with a narrow molecular weight distribution.
- 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).
- Can be blended to customer requirements with other materials and different resins to improve adhesive performance.
- Provides good adhesive capability, excellent aging stability and light color in Hot Melt Pressure Sensitive adhesive and Hot Melt Adhesives applications.

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, from Jinhai's facilities in China.

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 is available on request.

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



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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 HAITACK™ JH-3201.