



Better Quality Better Service

Technical Data

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C5 HYDROCARBON RESIN HAITACK™ JH-3204

HAITACK™ JH-3204 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	96~104
Color, YI	40MAX
Appearance	Transparent light yellow solids

Typical Properties:

Softening Point, °C	98.5
Color, Gardner/YI--Initial	2.6/20
Wax Cloud Point, °C (EVA/Resin/Wax)	78 (22.5/32.5/45)
Thermal Color Stability(YI) 5hrs, 175 °C	55
Melt Viscosity, 160 °C(cp)	1050
Molecular Weight	
Mw	1900
Mn	1150
Insolubles, wt%	0.02

Applications

1. Tackifier or modifier for adhesive systems ,including:
 - a) Hot melt adhesive
 - b) Pressure sensitive adhesive
 - c) Tapes
 - d) Solvent



2. Modifier in solvent-based or heat-sealable coatings
3. Plasticizer/modifier of natural and synthetic rubber goods

Performance:

- Is a pure C5 hydrocarbon resin suitable for Solvent Based Pressure Sensitive Adhesive labels and tapes.
- Has excellent compatibility with Natural Rubber, many kinds of synthetic rubber, styrene polymer (e.g. SIS, SEBS and SBS) and EVA.
- Good tack/ cohesion/peel adhesion balance, good aging stability and light color.
- Can be used directly as tackifier resin and/or mixed with other resins.

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 information 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 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-3204.