



Better Quality Better Service

Technical Data Sheet

Ningbo Jinhai Chenguang Chemical Corporation

No.3555 Yuejintang Road, Ningbo Petrochemical
Economic and Technological Development Zone,
Zhejiang Province, China
TEL: 0086-574-8765 3737
FAX: 0086-574-8765 7399
P.C. 315207

January 2025

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	2.8/22
Wax Cloud Point, °C (EVA/Resin/Wax)	82 (22.5/32.5/45)
Thermal Color Stability(YI) 5hrs, 175 °C	51
Melt Viscosity, 160 °C(cp)	1053
Glass Transition Temperature (Tg), °C	50
Molecular Weight	
Mw	1872
Mn	1125
Mz	3170
D	1.66
Insolubles, wt%	0.02

Applications

1. Tackifier or modifier for adhesive systems ,including:
 - a) Hot melt adhesive



Better Quality Better Service

- 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 is available on request.

Shelf life 24 Months

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.



Better Quality Better Service

Product Safety

Read and understand the Material Safety Data Sheet before using HAITACK™ JH-3204.