



Better Quality Better Service

Technical Data Sheet

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January 2025

HAITACK™ JH-3205 HYDROCARBON RESIN

HAITACK™ **JH-3205** is a premium aromatic modified aliphatic C5 hydrocarbon resin with narrow molecular weight distribution for pressure sensitive hot melt adhesives, hot melt adhesives. It is designed as a tackifier for many polymers including SIS block copolymers, with additional applications in natural rubber (NR), polyolefins, butyl rubber, EVA, APP and APAO.

Product Specifications

Softening Point, °C	95~99
Color, YI	30MAX
Appearance	Transparent light yellow solids

Typical Properties:

Softening Point, °C	96.4
Color, Gardner/YI	2.5/19
Wax Cloud Point, °C (EVA/Resin/Wax)	112 (30/45/25)
L Value	93
Thermal Color Stability(YI) 5hrs, 175 °C	41
Aromatic by 1H-NMR.	2.2%
Glass Transition Temperature (T _g), °C	49
Melt Viscosity 160 °C (cp)	978
Molecular Weight	
M _w	2042
M _n	1139
M _z	3866
D	1.79
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

- It has low aromatic content and has excellent compatibility with many polymers.
- Enhances all the performance parameters (including: weather resistance, improved adhesion and processing performance.etc.) for HMPSA and HMA.
- Can be blended to customer requirements with other materials and different resins to improve adhesive performance.
- The molecular weight distribution and amount of aromatics can be tailored to provide an optimal tack/cohesion balance in SIS-based HMPSA.
- Is especially suitable for the manufacturing of high quality HM OPP tapes.
- Allows the production of light colored-film tapes as well as colored HMPSA tapes.

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 with 40 bags or 50bags each from Jinhai's facilities in China.

Regulatory/Classifications

CAS No. 68527-25-3

US FDA: 21 CFR 175.105	Adhesives
21 CFR 177.2600	Rubber articles intended for repeated use.
21 CFR 175.125	Pressure sensitive adhesives.

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 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-3205.