

Aerafin™ 75H polymer is a propylene-based olefin polymer compatible with a range of hydrocarbon tackifying resins and enables spraying or slot applying the finished adhesive at a broad range of temperatures and operating conditions. Aerafin 75H polymer is characterized by consistent quality, low color, excellent thermal stability, and low odor.

- Compatibility with an array of hydrocarbon tackifying resins
- Excellent thermal stability
- Good adhesion with excellent peel strength
- In formulation, enables a robust adhesive system with a broad processing window and sprayability at temperatures as low as 130°C
- Low color and odor
- Reliable global supply
- Requires lower tackifier loading than with most SBC-based formulations

Property	Typical Value	Unit	Method <sup>1</sup>
Ring and Ball Softening Point	122	°C	ASTM E 28
Gardner Color, Molten	1.0		
Penetration Hardness	27	dmm	ASTM D 5
Glass Transition Temperature, T <sub>g</sub>	-37	°C	ASTM D 3418
Melt Viscosity at 190°C	7500	cP	ASTM D 3236, Brookfield
Physical Form	Pellets		

<sup>1</sup> internal method based upon the specified norm

## Applications

Hygiene Adhesives, Assembly, Woodworking adhesives, Packaging specialties

## Compatibility and Solubility

Broad compatibility with polyolefin polymers, waxes and hydrocarbon tackifying resins.

## Packaging

Aerafin™ 75H polymer is available in bags of 50-lb net weight (22.7 kg). Pallet of bags of 2,250-lb net weight (1020.6 kg). Bags are made of polypropylene.

Pellets are coated with polyethylene to minimize blocking.

## Storage

Due to the thermoplastic behavior, pelletized material may fuse, block or lump. This can be accelerated under any of the following conditions: 1) above ambient temperature, 2) prolonged storage, 3) pressure, e.g., stacking pallets, or a combination of these conditions.

For improved handling, we therefore recommend storing the material in a temperature-controlled area, be careful with stacking material or applying pressure and preventing prolonged storage. It is recommended that control of inventory be observed at all times, taking care that the oldest material is used first.

## Comments

Properties reported here are typical values. Synthomer makes no representation that the material in any particular shipment will conform exactly to the values given.