

Regalite™ R1010 Hydrocarbon Resin



Regalite™ R1010 hydrocarbon resin is a liquid hydrogenated, water-white, low molecular weight resin derived from petrochemical feedstocks. This resin is especially designed as a component of a multipart tackifier system in hot melt and solvent based pressure sensitive adhesives based on SIS and SBS thermoplastic block copolymers, providing superior tack, adhesion and cohesive strength characteristics.

- Excellent heat stability
- Water-white color
- Wide compatibility

For further information regarding this product please refer to:

Synthomer Adhesive Technologies

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Property	Typical Value	Unit	Method ¹
Ring and Ball Softening Point	Liquid at 25°C		ASTM E 28
Color, Gardner	<1		ASTM D 6166, Neat
MMAp Cloud Point	82	°C	from 1:2 mixture of methylcyclohexane and aniline
Melt Viscosity at 35°C	12000	cP	Brookfield
Melt Viscosity at 50°C	2500	cP	
Melt Viscosity at 70°C	450	cP	

¹ internal method based upon the specified norm

Applications

Caulks and Sealants, Roadmarking, Carpet, Additives, Metal coatings, Graphics, Labels, Coatings, Tapes

Compatibility and Solubility

Compatible at all ratios, or in limited but practically useful proportions, with SBS (styrene-butadiene-styrene) block copolymers, SIS (styrene-isoprene-styrene) block copolymers, EVA (ethylene-vinyl acetate) copolymers and natural rubber.

Packaging

Regalite™ R1010 hydrocarbon resin is supplied in open-head steel drums, on pallets containing 4 drums each, from Synthomer's production facilities in the Netherlands and from warehouses located in Europe.

Storage

Resins are prone to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

Regalite™ R1010 hydrocarbon resin will remain within product sales specification limits for a period of at least twelve months after shipment from Synthomer production facilities in the Netherlands, provided storage conditions outlined in this data sheet are observed. However, as we can neither anticipate the conditions under which the resin is processed nor the end use applications for which it is used, the product should be reanalyzed for critical properties at the end of its shelf life to determine if it meets specification for use.

Comments

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