

Regalite™ C8010 Hydrocarbon Resin



Regalite™ C8010 Hydrocarbon Resin is a new liquid hydrogenated water-white 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, SBS and SEBS thermoplastic block copolymers. It provides superior tack, adhesion, and cohesive strength characteristics. Regalite™ C8010 is only available in the Asia Pacific region.

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

Property	Typical Value	Unit	Method ¹
Color, Gardner	<1		ASTM D 6166, neat
Color, Gardner, 24 hours at 180°C	<3		
Color, Yellowness Index	<10		ASTM E 313, neat
Color, Yellowness Index, 24 hours at 180°C	<30		
Weight Loss	16.2	%	TGA, 50-300°C at 10°C/min
Viscosity at 50°C	1000	mPa·s	Brookfield
Viscosity at 40°C	2500	mPa·s	

¹ internal method based upon the specified norm

Applications

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

Compatibility and Solubility

Soluble at all useful proportions in aliphatic, aromatic, and chlorinated hydrocarbons. Insoluble in alcohols and water. Compatible at all ratios, or in limited but practically useful proportions, with SBS (styrene-butadiene-styrene) block copolymers, SIS (styrene-isoprene-styrene) block copolymers, SEBS (styrene-ethylene-butylene-styrene, EVA (ethylene-vinyl acetate) copolymers, and natural rubber.

Packaging

Regalite™ C8010 hydrocarbon resin is supplied in 175 kg steel drums with or without pallets.

Storage

When stored in accordance with the MSDS in its original unopened container in an enclosed area and protected from moisture, extreme temperatures, and contamination, Regalite™ C8010 hydrocarbon resin is estimated to continue to meet applicable sales specifications for 24 months from the date of manufacture. First in, first out (FIFO) inventory control is recommended.