

Technical Data Sheet

Regalite™ C8010 Hydrocarbon Resin

Applications

- Adhesives/sealants-b&c
- Bookbinding
- Carpet construction
- Case & carton sealing closings
- Casting wax
- Commercial printing inks
- Hygiene adhesives
- Labels non food contact
- Polymer modification
- Protective coatings
- Specialty tape
- Tape non food contact
- Tires

Key Attributes

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

Product Description

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.

Typical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
General		
Color, Gardner ^d		
24 hours @ 180°C	ASTM D 6166	<3
Initial	ASTM D 6166	<1
Color, Yellowness Index ^d		
24 hours @ 180°C	ASTM E 313	<30
Initial	ASTM E 313	<10
% Weight Loss		
Thermogravimetric Analysis Test		16.2
Conditions: 50-300°C @ 10°C/min		
Viscosity ^d		
@ 40°C		2500 mPa·s
@ 50°C		1000 mPa·s

^aUnless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^bUnless noted otherwise, the test method is ASTM.

^cUnits are in SI or US customary units.

^das is

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.

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