

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

SUGUM 100L rosin ester is a stabilized Pentaerythritol Ester of Gum Rosin. SUGUM 100L exhibits low color and good color stability. This resin is compatible with a broad range of polymers, which enables formulation flexibility in various hot melt and solvent based adhesive applications.

- Provides good specific adhesion to a variety of substrates
- Light color
- Broad compatibility
- Low volatility at elevated temperatures
- Thermally stable
- SUGUM100L rosin ester contains biobased content

CHARACTERISTICS

Exhibits low color and good color stability

Is compatible with all the usual compounds as:

- Ethylene Vinyl Acetate (EVA)
- Ethylene Butyl Acrylate (EBA)
- Styrene-Isoprene-Styrene (SIS)
- Styrene-Butadiene-Styrene (SBS)
- SB Rubber
- Natural rubber
- Acrylic polymers

APPLICATIONS

- Packaging
- PSA tapes/labels
- Non-woven
- Flooring
- Woodworking
- Bookbinding
- Product Assembly

PRODUCT SPECIFICATIONS ¹

Property	Product Specification	Typical Properties	Units
Softening Point	96 – 102	98	°C
Color	Max. 5	4	Gardner, neat
Acid Number	Max. 15	10	mg KOH/g
Glass Transition Temperature		48	°C
Viscosity, Brookfield (125°C)		11800	cps
Viscosity, Brookfield (150°C)		955	cps
Viscosity, Brookfield (177°C)		150	cps

SOLUBILITY

Is soluble in:

Aromatic and aliphatic hydrocarbon solvents, e.g., hexane and toluene

Esters and ketones, e.g., ethyl acetate and acetone

Long chain alcohols, e.g., butanol and pentanol

FORM OF SUPPLY

25 Kg bags

SHELF LIFE

Up to six months under normal storage conditions.

STORAGE RECOMMENDATION

It is recommended that SUGUM 100L rosin ester be stored and transported dry and below 30°C. To prevent remassing, keep away from direct sun light or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.

¹Analytical Methods are available on request.

The information in this Technical Data Sheet is, to the best of our knowledge, true and accurate, but since the conditions of use are beyond our control, no warranty is given or to be implied in respect of such information. We are, at all times, willing to study customer's specific outlets involving our products in order to enable their most effective use.

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